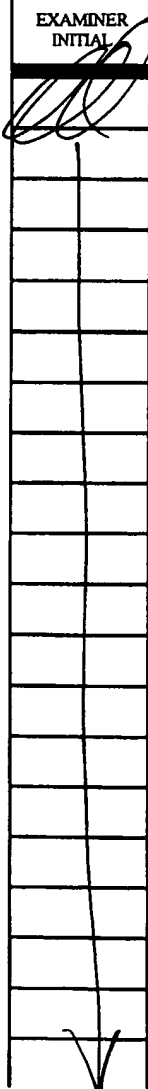
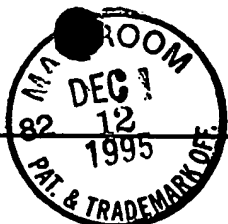


PTO 1449 INFORMATION DISCLOSURE STATEMENT BY APPLICANT Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.355	Serial No. 08/487,526
	Applicants John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date: June 7, 1995	Group:

U.S. Patent Documents

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
	2,511,085	June 13, 1950	Smith	179/1	
	2,573,349	Oct. 30, 1951	Miller et al.	177/353	
	2,769,023	Oct. 30, 1956	Loew et al.	178/5.1	
	2,788,387	Apr. 9, 1957	Druz	178/5.1	
	2,864,885	Dec. 16, 1958	Morris	178/5.1	
	2,866,962	Dec. 30, 1958	Ellet	340/147	
	3,016,091	Jan. 9, 1962	Daniele	162/391	
	3,071,642	Jan. 1, 1963	Mountjoy et al.	178/5.1	
	3,213,201	Oct. 19, 1965	Flood et al.	179/15	
	3,238,297	Mar. 1, 1966	Pawley et al.	178/22	
	3,363,250	Jan. 9, 1968	Jacobson	343/225	
	3,493,674	Feb., 1970	Houghton	178/5.6	
	3,531,586	Sept. 29, 1970	Bass et al.	178/6	
	3,536,833	Oct. 27, 1970	Guanella	178/22	
	3,569,937	Mar. 9, 1971	Hoetter	340/171	
	3,573,747	Apr. 6, 1971	Adams et al.	340/172.5	
	3,584,142	June 8, 1971	Schoeffler	178/6.8	
	3,601,528	Aug. 24, 1971	McVoy	178/5.1	
	3,609,697	Sept. 28, 1971	Blevins et al.	340/172.5	
	3,657,699	Apr. 18, 1972	Rocher et al.	340/146.1	

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Attorney Docket No.
5634.355

Serial No.
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Applicants
John C. Harvey *and* James W. Cuddihy

Filing Date:
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EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
	3,659,046	Apr. 25, 1972	Angeleri et al.	178/22	
	3,668,307	June 6, 1972	Face et al.	178/5.6	
	3,684,823	Aug. 15, 1972	McVoy	178/5.1	
	3,693,090	Sept. 19, 1972	Gabriel	325/308	
	3,703,684	Nov. 21 1972	McVoy	325/31	
	3,725,672	Apr. 3, 1973	Reuter	307/208	
	3,729,581	Apr. 24, 1973	Anderson	178/6.8	
	3,731,197	May 1, 1973	Clark	325/32	
	3,733,430	May 15, 1973	Thompson et al.	178/5.1	
	3,736,369	May 29, 1973	Vogelman et al.	178/5.1	
	3,749,845	July 31, 1973	Fraser	179/15	
	3,752,908	Aug. 14, 1973	Boenke et al.	178/5.6	
	3,757,225	Sep. 4, 1973	Ukicki	325/308	
	3,773,977	Nov. 20, 1973	Guanella	179/1.5	
	3,777,053	Dec. 4, 1973	Wittig et al.	178/5.1	
	3,789,137	Jan. 29, 1974	Newell	178/6.6	
	3,790,700	Feb. 5, 1974	Callais et al.	178/5.1	
	3,798,359	Mar. 19, 1974	Feistel	178/22	
	3,798,610	Mar. 19, 1974	Bliss et al.	340/172.5	
	3,803,491	Apr. 9, 1974	Osborn	325/53	

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Title: **Signal Processing Apparatus
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EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
	3,806,814	Apr. 23, 1974	Forbes	325/309	
	3,819,852	June 25, 1974	Wolf	178/5.6	
	3,824,332	July 16, 1974	Horowitz	178/5.1	
	3,824,467	July 16, 1974	French	325/32	
	3,825,893	July 23, 1974	Bossen et al.	340/146.1	
	3,833,757	Sept. 3, 1974	Kirk, Jr. et al.	178/5.6	
	3,835,387	Sep. 10, 1974	Rookes et al.	325/55	
	3,842,196	Oct. 15, 1974	Louglin	358/12	
	3,845,391	Oct. 29, 1974	Crosby	325/64	
	3,848,193	Nov. 12, 1974	Martin et al.	325/53	
	3,882,392	May 6, 1975	Harney	325/53	
	3,885,089	May 20, 1975	Callais et al.	178/5.1	
	3,886,302	May 27, 1975	Kosco	178/5.1	
	3,886,454	May 27, 1975	Oakley et al.	325/52	
	3,890,461	June 17, 1975	Vogelman et al.	178/5.1	
	3,891,792	June 24, 1975	Kimura	178/5.8R	
	3,893,031	July 1, 1975	Majeau et al.	325/32	
	3,894,176	July 8, 1975	Mellon	178/5.1	
	3,899,633	Aug. 12, 1975	Sorenson et al.	178/5.1	
	3,911,216	Oct. 7, 1975	Bartek et al.	178/22	
	3,914,534	Oct. 21, 1975	Forbes	178/5.1	

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**Title: Signal Processing Apparatus
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GROUP 260

Applicants

John C. Harvey and James W. Cuddihy

Filing Date:

June 7, 1995

Group:

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
	3,916,091	Oct. 28, 1975	Kirk, Jr. et al.	178/5.1	
	3,919,462	Nov. 11, 1975	Hartung et al.	178/5.1	
	3,921,151	Nov. 18, 1975	Guanella	340/172.5	
	3,924,187	Dec. 2, 1975	Dormans	325/52	
	3,934,079	Jan. 20, 1976	Barnhart	178/5.1	
	3,936,593	Feb. 3, 1976	Aaronson et al.	178/5.1	
	3,936,594	Feb. 3, 1976	Schubin et al.	178/5.1	
	3,936,595	Feb. 3, 1976	Yanagimachi et al.	178/5.6	
	3,943,447	Mar. 9, 1976	Shomo, III	325/308	
	3,947,882	Mar. 30, 1976	Lightner	360/92	
	3,949,313	Apr. 6 1976	Tamada et al.	329/106	
	3,956,615	May 11, 1976	Anderson et al.	235/61.7B	
	3,970,790	July 20, 1976	Guanella	179/1.5S	
	3,975,583	Aug. 17, 1976	Meadows	175/5.6	
	3,978,449	Aug. 31, 1976	Sanders et al.	340/146.1	
	3,987,398	Oct. 19, 1976	Fung	325/309	
	3,988,528	Oct. 26, 1976	Yanagimachi et al.	178/5.6	
	3,997,718	Dec. 14, 1976	Ricketts et al.	178/6.8	
	4,024,574	May 17, 1977	Nieson	358/117	
	4,025,851	May 24, 1977	Hazelwood et al.	325/31	
	4,025,947	May 24, 1977	Michael	358/86	

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EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
	4,025,948	May 24, 1977	Loshin	358/122	
	4,031,548	June 21, 1977	Kato et al.	358/188	
	4,048,619	Sept. 13, 1977	Forman, Jr. et al.	340/154	
	4,049,906	Sept. 20, 1977	Hafner et al.	178/2C	
	4,054,911	Oct. 18, 1977	Fletcher et al.	358/141	
	4,058,830	Nov. 15, 1977	Gulnet et al.	358/86	
	4,068,264	Jan. 10, 1978	Pires	358/122	
	4,079,419	Mar. 14, 1978	Siegle et al.	358/193	
	4,081,612	Mar. 28, 1978	Hafner	179/15BA	
	4,081,753	Mar. 28, 1978	Miller	325/396	
	4,081,831	Mar. 28, 1978	Tang et al.	358/114	
	4,091,417	May 23, 1978	Nieson	358/117	
	4,104,486	Aug. 1, 1978	Martin et al.	179/2	
	4,107,735	Aug. 15, 1978	Frohbach	358/84	
	4,112,464	Sept. 5, 1978	Gulf et al.	358/122	
	4,115,662	Sept. 19, 1978	Gulnet et al.	179/15BV	
	4,115,807	Sept 19, 1978	Pires	358/122	
	4,120,030	Oct. 10, 1978	Johnstine	364/200	
	4,130,833	Dec. 19, 1978	Choenet	358/122	
	4,131,881	Dec. 26, 1978	Robinson	340/167R	
	4,138,726	Feb. 6, 1979	Girault et al.	364/521	

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Applicants

John C. Harvey and James W. Cuddihy

 Title: **Signal Processing Apparatus
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June 7, 1995

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EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
	4,160,120	July 3, 1979	Barnes et al.	178/22	
	4,161,751	July 17, 1979	Ost	358/114	
	4,163,254	July 31, 1979	Block et al.	358/122	
	4,163,255	July 31, 1979	Pires	358/122	
	4,168,396	Sept. 18, 1979	Best	178/22	
	4,170,782	Oct. 9, 1979	Miller	358/84	
	4,171,513	Oct. 16, 1979	Otey et al.	325/32	
	4,172,213	Oct. 23, 1979	Barnes et al.	178/22	
	4,186,413	Jan. 29, 1980	Mortimer	358/146	
	4,196,310	Apr. 1, 1980	Forman et al.	178/22	
	4,200,770	Apr. 29, 1980	Hellman et al.	178/22	
	4,200,913	Apr. 29, 1980	Kuhar et al.	364/900	
	4,205,343	May 27, 1980	Barrett	358/147	
	4,213,124	July 15, 1980	Barda et al.	340/706	
	4,215,366	July 29, 1980	Davidson	358/124	
	4,215,370	July 29, 1980	Kirk, Jr.	358/146	
	4,225,884	Sept. 30, 1980	Block et al.	358/122	
	4,225,967	Sep. 30, 1980	Miwa et al.	455/68	
	4,230,990	Oct. 28, 1980	Lert, Jr et al.	455/67	
	4,232,193	Nov. 4, 1980	Gerard	179/1.5R	
	4,236,217	Nov. 25, 1980	Kennedy	364/483	

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GROUP 260

Applicants

John C. Harvey and James W. Cuddihy

Filing Date:

June 7, 1995

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EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
	4,237,484	Dec. 2, 1980	Brown et al.	358/142	
	4,245,245	Jan. 13, 1981	Matsumoto et al.	358/122	
	4,247,106	Jan. 27, 1981	Jeffers et al.	273/85G	
	4,250,524	Feb. 10, 1981	Tomizawa	358/122	
	4,253,114	Feb. 24, 1981	Tang et al.	358/114	
	4,253,157	Feb. 24, 1981	Kirschner et al.	364/900	
	4,262,329	Apr. 14, 1981	Bright et al.	364/200	
	4,264,924	Apr. 28, 1981	Freeman	358/86	
	4,264,925	Apr. 28, 1981	Freeman et al.	358/86	
	4,266,243	May 5, 1981	Shutterly	358/121	
	4,275,411	June 23, 1981	Lippel	358/13	
	4,283,602	Aug. 11, 1981	Adams et al.	179/1.5R	
	4,284,976	Aug. 18, 1981	Gable et al.	340/147	
	4,286,281	Aug. 25, 1981	Suzuki	358/4	
	4,287,592	Sept. 1, 1981	Paulish et al.	370/88	
	4,288,809	Sept. 8, 1981	Yabe	358/12	
	4,290,141	Sept. 15, 1981	Anderson et al.	455/2	
	4,290,142	Sept. 15, 1981	Schnee et al.	455/3	
	4,292,650	Sept. 29, 1981	Henderickson	358/173	
	4,295,223	Oct. 13, 1981	Shutterly	455/72	
	4,302,771	Nov. 24, 1981	Gargini	358/86	July 23, 1980

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Serial No.
08/487,526

Applicants **JOHN C. HARVEY and JAMES W. CUDDIHY**
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JAN 10, 1995

Title: **Signal Processing Apparatus
and Method**

Filing Date:
June 7, 1995

Group:

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
	4,304,990	Dec. 8, 1981	Atalla	235/380	Feb. 4, 1980
	4,305,101	Dec. 8, 1981	Yarbrough et al.	360/69	Apr. 16, 1979
	4,305,131	Dec. 8, 1981	Best	364/521	
	4,305,131	Dec. 8, 1981	Best	364/521	Mar. 31, 1980
	4,306,289	Dec. 15, 1981	Lumley	364/200	Feb. 4, 1980
	4,306,305	Dec. 15, 1981	Doi et al.	371/38	Oct. 19, 1979
	4,307,446	Dec. 22, 1981	Barton et al.	364/200	May 2, 1979
	4,310,854	Jan. 12, 1982	Baer	358/143	Aug. 29, 1979
	4,312,016	Jan. 19, 1982	Glaab et al.	358/188	Feb. 2, 1979
	4,313,132	Jan. 26, 1982	Doles et al.	358/114	Oct. 31, 1979
	4,314,367	Feb. 2, 1982	Bakka et al.	370/60	Jan. 17, 1980
	4,316,055	Feb. 16, 1982	Feistel	178/22.06	Dec. 30, 1976
	4,316,245	Feb. 16, 1982	Luu et al.	364/200	Dec. 7, 1978
	4,318,125	Mar. 2, 1982	Shutterly	358/121	Apr. 25, 1979
	4,319,079	Mar. 9, 1982	Best	178/22.09	Jan. 17, 1980
	4,322,745	Mar. 30, 1982	Saeki et al.	358/123	Mar. 21, 1980
	4,323,921	Apr. 6, 1982	Guillou	358/114	Jan. 23, 1980
	4,323,922	Apr. 6, 1982	den Toonder et al.	358/117	Dec. 17, 1979
	4,325,078	Apr. 13, 1982	Seatom et al.	358/117	Nov. 20, 1979
	4,329,675	May 11, 1982	Van Hulle	358/86	Sep. 23, 1980
	4,329,684	May 11, 1982	Monteath et al.	340/707	Jan. 15, 1980

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Applicants

John C. Harvey and James W. Cuddihy

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June 7, 1995

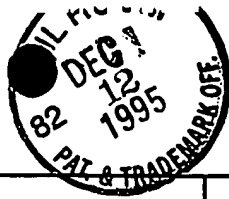
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	4,331,973	May 25, 1982	Eskin et al.	358/84	Oct. 20, 1980
	4,331,974	May 25, 1982	Cogswell et al.	358/86	Oct. 21, 1980
	4,332,980	June 1, 1982	Reynolds et al.	179/2A	May 30, 1980
	4,333,152	June 1, 1982	Best	364,521	June 13, 1980
	4,334,242	June 8, 1982	Mangold	358/127	Jan. 14, 1980
	4,336,553	June 22, 1982	den Toonder et al.	358/120	May 14, 1980
	4,336,559	June 22, 1982	Koyama et al.	360/73	Nov. 9, 1978
	4,337,480	June 29, 1982	Bourassin et al.	358/93	Feb. 8, 1990
	4,337,483	June 29, 1982	Guillou	358/114	Jan. 31, 1980
	4,338,628	July 6, 1982	Payne et al.	358/120	Dec. 19, 1979
	4,339,798	July 13, 1982	Hedges et al.	364/412	Dec. 17, 1979
	4,340,903	July 20, 1982	Tamura	358/10	Aug. 6, 1980
	4,347,498	Aug. 31, 1982	Lee et al.	340/825.02	Nov. 21, 1979
	4,347,532	Aug. 31, 1982	Korver	358/183	Oct. 14, 1980
	4,353,088	Oct. 5, 1982	den Toonder et al.	358/120	May 14, 1980
	4,354,201	Oct. 12, 1982	Sechet et al.	358/122	June 11, 1980
	4,355,372	Oct. 19, 1982	Johnson et al.	364/900	Dec. 24, 1980
	4,360,827	Nov. 23, 1982	Braun	358/85	June 2, 1981
	4,361,730	Nov. 30, 1982	Barber et al.	179/5 R	Aug. 29, 1980
	4,361,877	Nov. 30, 1982	Dyer et al.	364/900	Feb. 5, 1980
	4,364,081	Dec. 14, 1982	Hashimoto et al.	358/13	Apr. 16, 1981

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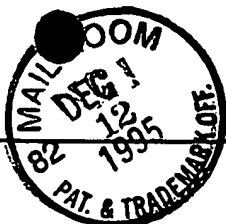
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Attorney Docket No. 5634.355	Serial No. 08/487,526
	Applicants John C. Harvey and James W. Cuddihy	
	Filing Date: June 7, 1995	Group:

Title: **Signal Processing Apparatus
and Method**

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
 ↓	4,365,110	Dec. 21, 1982	Lee et al.	178/22.10	June 5, 1979
	4,367,548	Jan. 4, 1983	Cotten, Jr. et al.	370/3	Apr. 10, 1980
	4,367,557	Jan 4, 1983	Stern et al.	455/4	May 25, 1979
	4,375,579	Mar. 1, 1983	Davida et al.	178/22.10	Jan. 30, 1980
	4,375,651	Mar. 1, 1983	Templin et al.	358/191.1	July 27, 1981
	4,379,205	Apr. 5, 1983	Wyner	178/22.10	June 22, 1979
	4,381,522	Apr. 26, 1983	Lambert	358/86	Dec. 1, 1980
	4,383,257	May 10, 1983	Giallanza et al.	340/825.47	Dec. 12, 1980
	4,388,643	June 14, 1983	Aminetzah	358/123	Apr. 6, 1981
	4,388,645	June 14, 1983	Cox et al.	358/147	Apr. 13, 1981
	4,389,671	June 21, 1983	Posner et al.	358/124	Sept. 29, 1980
	4,390,898	June 28, 1983	Bond et al.	358/119	Mar. 23, 1981
	4,390,901	June 28, 1983	Keiser	358/147	Oct. 16, 1980
	4,390,904	June 28, 1983	Johnston et al.	358/335	Sep. 20, 1979
	4,394,687	July 19, 1983	Hutt et al.	358/147	Apr. 30, 1980
	4,394,691	July 19, 1983	Amano et al.	358/194.1	July 30, 1981
	4,394,762	July 19, 1983	Nabeshima	371/38	Jan. 6, 1981
	4,395,757	July 26, 1983	Bienvenu et al.	364/200	Apr. 14, 1981
	4,396,947	Aug. 2, 1983	Cheung	358/124	Mar. 26, 1980
	4,398,216	Aug. 9, 1983	Field et al.	358/121	Sept. 19, 1980
4,400,587	Aug. 23, 1983	Taylor et al.	179/27D	Aug. 25, 1981	

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EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
	4,404,589	Sept. 13, 1983	Wright, Jr.	358/86	Oct. 21, 1980
	4,405,942	Sept. 20, 1983	Block et al.	358/119	Mar. 3, 1982***
	4,410,917	Oct. 18, 1983	Newdell et al.	360/15	Sept. 14, 1981
	4,413,339	Nov. 1, 1983	Riggle et al.	371/38	June 24, 1981
	4,422,105	Dec. 20, 1983	Rodesch et al.	358/903	Sept. 30, 1980
	4,424,532	Jan. 3, 1984	den Toonder et al.	358/120	May 9, 1983***
	4,425,581	Jan. 10, 1984	Scweppe et al.	358/148	Apr. 17, 1981
	4,430,731	Feb. 7, 1984	Gimple et al.	370/30	Apr. 29, 1981
	4,433,207	Feb. 21, 1984	Best	178/22.09	Sept. 10, 1981
	4,434,323	Feb. 28, 1984	Levine et al.	178/22.17	June 29, 1981
	4,434,436	Feb. 28, 1984	Kleykamp et al.	358/118	July 13, 1981
	4,434,464	Feb. 28, 1984	Suzuki et al.	364/200	Mar. 31, 1981
	4,446,519	May 1, 1984	Thomas	364/200	May 26, 1981
	4,449,247	May 15, 1984	Waschka, Jr.	455/9	Jul. 30, 1980
	4,451,701	May 29, 1984	Bendig	179/2 TV	Oct. 11, 1983***
	4,467,139	Aug. 21, 1984	Mollier	178/22.08	Mar. 12, 1981
	4,467,356	Aug. 21, 1984	McCoy	358/146	Sept. 24, 1981
	4,471,163	Sept. 11, 1984	Donald et al.	178/22.08	Oct. 5, 1981
	4,471,164	Sept. 11, 1984	Henry	178/22.11	Oct. 13, 1981
	4,475,123	Oct. 2, 1984	Dumbauld et al.	358/114	Apr. 2, 1981
	4,488,179	Dec. 11, 1984	Krüger et al.	358/181	Sept. 23, 1981

EXAMINER

DATE CONSIDERED

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Attorney Docket No. 5634.355	Serial No. 08/487,526
	96 JAN -1 PM 7:29 GROUP 260	
	Applicants John C. Harvey and James W. Cuddihy	
Title: Signal Processing Apparatus and Method	Filing Date: June 7, 1995	Group:

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
	4,491,983	Jan. 1, 1985	Pinnow et al.	455/612	Apr. 29, 1982***
	4,513,174	Apr. 23, 1985	Herman	178/22.08	Mar. 19, 1981
	4,528,588	July 9, 1985	Löfberg	358/122	Sept. 25, 1981
	4,528,589	July 9, 1985	Block et al	358/122	Feb. 1, 1984***
	4,536,791	Aug. 20, 1985	Campbell et al.	358/122	Mar. 31, 1981
	4,593,353	June 3, 1986	Pickholtz	364/200	Oct. 26, 1981
	4,598,288	July 1, 1986	Yarbrough et al.	340/825.34	Dec.20, 1983***
	4,689,661	Aug. 25, 1987	Barbieri et al.	358/12	June 22, 1981
	4,752,834	June 21, 1988	Koombes	358/335	Aug. 31, 1981
	4,862,268	Aug. 29, 1989	Campbell et al.	358/141	Apr. 18, 1985***
	Re. 31,735	Nov. 13, 1984	Davidson	358/124	July 26, 1982***

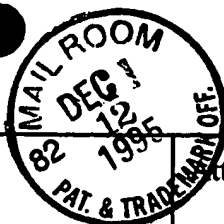
* - If pertinent

*** - Claims priority from parent application filed prior to Nov. 3, 1981

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION	
					YES	NO
	WO 81/02961	Oct. 15, 1981	PCT Application	H04N 7/16, 7/04	n/a	
	1 554 411	Oct. 17, 1979	Great Britain	H04b 3/54		X
	2 034 995	June 11, 1980	Great Britain	H03J 7/18, 5/00		X
	23 38 380	Feb. 13, 1975	Germany		abstract	X

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.355	Serial No. 08/487,526
	Applicants John C. Harvey and James W. Cuddihy	
	Filing Date: June 7, 1995	Group:

29 18 846	Nov. 13, 1980	Germany	F26B 12/02	X	
56-47179	Apr. 28, 1981	Japan		X	

OTHER DOCUMENTS

EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
	James, A., "ORACLE - Broadcasting the Written Word," <u>Wireless Word</u> , July 1975.
	Came, E. Bryan, "The Wired Household," <u>IEEE Spectrum</u> , October 1979, p. 61-66.
	McKenzie, G.A., "ORACLE - An Information Broadcasting Service Using Data Transmission in the Vertical Interval," <u>Journal of the SMPTE</u> , vol. 83, Number 1, January 1974, pp. 6-10.
	Edwardson, S.M., "CEEFAX: A Proposed New Broadcasting Service," <u>Journal of the SMPTE</u> , January 1974, p. 14-19.
	J. Chiddix, "Automated Videotape Delay of Satellite Transmissions," <u>Satellite Communications Magazine</u> , May 1978 (reprint - 2 pages).
	J. Chiddix, "Tape Speed Errors in Line-Locked Videocassette Machines For CATV Applications," <u>IVC</u> , November 1977 (reprint - 2 pages).
	CRC Electronics, Inc. Product Description, "Model TD-100 - Time Delay Videotape Controller," 2 pages.
	CRC Electronics, Inc., NET PRICE LIST - March 1, 1980 (TD-100 Time Delay Videotape Controller), 1 page.
	CRC Electronics, Inc. Product Description, "Model P-1000 Videocassette Programmer," 4 pages.
	CRC Electronics, Inc., NET PRICE LIST - July 31, 1981 (P-1000 Video Machine Programmer), 1 page.
	Tunmann, E.O. et al. (Tele-Engineering Corp.), "Microprocessor For CATV Systems," <u>Cable 78 - Technical Papers</u> , National Cable Television Association 27th Annual Convention, New Orleans, LA, April 30-May 3, 1978 ("Cable 78"), pp. 70-75.
	Vega, Richard L. (Telecommunications Systems, Inc.), "From Satellite to Earth Station to Studio to S-T-L To MDS Transmitter To The Home; Pay Television Comes To Anchorage, Alaska," <u>Cable 78</u> , pp. 76-80.
	Wright, James B. et al. (Rockford Cablevision, Inc.), "The Rockford Two-Way Cable Project: Existing and Projected

EXAMINER	DATE CONSIDERED 9/06
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



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	Applicants John C. Harvey and James W. Cuddihy	
	Filing Date: June 7, 1995	Group: 260

Title: **Signal Processing Apparatus and Method**

EXAMINER INITIALS	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
<i>[Signature]</i>	Technology," <u>Cable 78</u> , pp. 20-28.
	Fannetti, John D. et al. (City of Syracuse), "The Urban Market: Paving the Way for Two-Way Telecommunications," <u>Cable 78</u> , pp. 29-33.
	Schnee Rolf M. et al. (Heinrich-Hertz-Institut Berlin (West)), "Technical Aspects of Two-Way CATV Systems in Germany," <u>Cable 78</u> , pp. 34-41.
	Dickinson, Robert V.C. (E-Com Corporation), "A Versatile, Low Cost System for Implementing CATV Auxiliary Services," <u>Visions '79 - Technical Papers</u> , National Cable Television Association 28th Annual Convention, Las Vegas, NV, May 20-23, 1979, (" <u>Visions '79</u> "), pp. 65-72.
	Evans, William E. et al. (Manitoba Telephone System), "An Intercity Coaxial Cable Electronic Highway," <u>Visions '79</u> , pp. 73-79.
	Schrock, Clifford B. (C.B. Schrock and Associates, Inc.), "Pay Per View, Security, and Energy Controls Via Cable: The Rippling River Project," <u>Visions '79</u> , pp. 80-85.
	Southworth, Glen (Colorado Video, Inc.), "Narrow-Band Video: The UPI 'Newstime' Technology," <u>Visions '79</u> , pp. 86-88.
	Daly IV, Raymond E. (Computer Cablevision, Inc.), "Potential Use of Microcomputers - The Threats to Technical Personnel, Manufacturers And Owners," <u>Visions '79</u> , pp. 124-26.
	Grabenstein, James B. (Potomac Valley Television Co., Inc.), "System Design and Operation with 'Basic'," <u>Visions '79</u> (Appendix B), p. 127.
	Amell, Richard L. (Cox Cable Communications, Inc.), "Computer-Aided CATV System Design," <u>Visions '79</u> , pp. 128-33.
	Yoshino, Hirokazu et al. (Matsushita Electric Industrial Co., Ltd.), "Multi-Information System Using Fiber Optics," <u>Visions '79</u> , pp. 134-137.
	Albright, Thomas G. (Printer Terminal Communications Corporation), "Cable Service: A Data Distribution Link," <u>Visions of the 80's - Technical Papers</u> , National Cable Television Association 29th Annual Convention, Dallas, TX, May 18-21, 1980 (" <u>Visions of the 80's</u> "), pp. 30-34.
	Blineau, Joseph J. (Centre Commun d'Études de Télévision et Télécommunications), "Measuring Methods and Equipments for Data Packet Broadcasting," <u>Visions of the 80's</u> , pp. 35-39.
<i>[Signature]</i>	Katz, Harold W. (Interactive Systems/3M), "Status Report on EIA Broadband Modem Standards," <u>Visions of the 80's</u> , pp. 40-44.

EXAMINER <i>[Signature]</i>	DATE CONSIDERED 9/06
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Attorney Docket No. 5634.355	Serial No. 08/487,526
	Applicants John C. Harvey and James W. Cuddihy	
	Filing Date: June 7, 1995	Group:

Title: **Signal Processing Apparatus and Method**

EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
	Lopinto, John J. (Home Box Office), "Considerations for Implementing Teletext in the Cable System," <u>Visions of the 80's</u> , pp. 45-48.
	O'Brien, Jr., Thomas E. (General Instrument Corporation), "System Design Criteria of Addressable Terminals Optimized for the CATV Operator," <u>Visions of the 80's</u> , pp. 89-91.
	Ost, Clarence S. et al. (Electronic Mechanical Products Co.), "High-Security Cable Television Access System," <u>Visions of the 80's</u> , pp. 92-94.
	Bacon, John C. (Scientific-Atlanta, Inc.), "Is Scrambling the Only Way?," <u>Visions of the 80's</u> , pp. 95-98.
	Davis, Allen (Home Box Office), "Satellite Security," <u>Visions of the 80's</u> , pp. 99-100.
	Mannino, Joseph A. (Applied Data Research, Inc.), "Computer Applications in Cable Television," <u>Visions of the 80's</u> , pp. 116-17.
	Beck, Ann et al. (Manhattan Cable TV), "An Automated Programming Control System for Cable TV," <u>Visions of the 80's</u> , pp. 122-27.
	Schloss, Robert E. et al. (Omega Communications, Inc.), "Controlling Cable TV Head Ends and Generating Messages by Means of a Micro Computer," <u>Visions of the 80's</u> , pp. 136-38.
	Eissler, Charles O. (Oak Communications, Inc.), "Addressable Control," <u>Cable: '81 The Future of Communications - Technical Papers</u> , National Cable Television Association 30th Annual Convention, Los Angeles, CA, May 29-June 1, 1981 ("Cable: '81"), pp. 29-33.
	Schoeneberger, Carl F. (TOCOM, Inc.), "Addressable Terminal Control Using the Vertical Interval," <u>Cable: '81</u> , pp. 34-40.
	Stern, Joseph L. (Stern Telecommunications Corporation), "Addressable Taps," <u>Cable: '81</u> , p. 41.
	Brown, Larry C. (Pioneer Communications of America), "Addressable Control - A Big First Step Toward the Marriage of Computer, Cable, and Consumer," <u>Cable: '81</u> , pp. 42-46.
	Grabowski, Ralph E. (VISIONtec), "The Link Between the Computer and Television," <u>Cable: '81</u> , pp. 99-100.
	Ciciora, Ph.D., W.S. (Zenith Radio Corporation), "VIRTEXT & VIRDATA: Adventures in Vertical Interval Signaling," <u>Cable: '81</u> , pp. 101-04.
	Gilbert, Bill et al. (TEXSCAN Corporation), "Automatic Status Monitoring for a CATV Plant,"

EXAMINER	DATE CONSIDERED 9/06
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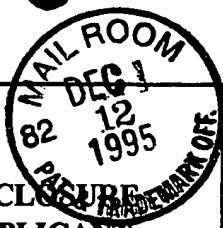


INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Attorney Docket No. 5634.355	Serial No. 08/487,526 RECEIVED 96 JAN -1 PM 7:30 GROUP 260
	Applicants John C. Harvey and James W. Cuddihy	
	Filing Date: June 7, 1995	Group:

Title: **Signal Processing Apparatus and Method**

EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
<i>[Signature]</i>	Cable: '81, pp. 124-28.
	Ciciora, Walter et al., "An Introduction to Teletext and Viewdata with Comments on Compatibility," <u>IEEE Transactions on Consumer Electronics</u> , Vol. CE-25, No. 3, July 1979 ("Consumer Electronics"), pp. 235-45.
	Tanton, N.E. "UK Teletext - Evolution And Potential," <u>Consumer Electronics</u> , pp. 246-50.
	Bright, Roy D., "Prestel - The World's First Public Viewdata Service," <u>Consumer Electronics</u> , pp. 251-55.
	Bown, H.G. et al., "Telidon: A New Approach to Videotex System Design," <u>Consumer Electronics</u> , pp. 256-68.
	Chitnis, A.M. et al., "Videotex Services: Network and Terminal Alternatives," <u>Consumer Electronics</u> , pp. 269-78.
	Hedger, J. "Telesoftware: Home Computing Via Broadcast Teletext," <u>Consumer Electronics</u> , pp. 279-87.
	Crowther, G.O., "Teletext and Viewdata Systems and Their Possible Extension to Europe and USA," <u>Consumer Electronics</u> , pp. 288-94.
	Gross, William S., "Info-Text, Newspaper of the Future," <u>Consumer Electronics</u> , pp. 295-97.
	Robinson, Gary et al., "'Touch-Tone' Teletext - A Combined Teletext-Viewdata System," <u>Consumer Electronics</u> , pp. 298-303.
	O'Connor, Robert A., "Teletext Field Tests," <u>Consumer Electronics</u> , pp. 304-10.
	Blank, John, "System and Hardware Considerations of Home Terminals With Telephone Computer Access," <u>Consumer Electronics</u> , pp. 311-17.
	Plummer, Robert P. et al., "4004 Futures for Teletext and Videotex in the U.S.," <u>Consumer Electronics</u> , pp. 318-26.
	Marti, B. et al., "The Antiope Videotex System," <u>Consumer Electronics</u> , pp. 327-33.
	Frandon, P. et al., "Antiope LSI," <u>Consumer Electronics</u> , pp. 334-38.
✓	Crowther, G.O., "Teletext and Viewdata Costs As Applied to the U.S. Market," <u>Consumer Electronics</u> , pp. 339-44.

EXAMINER <i>[Signature]</i>	DATE CONSIDERED 9/06
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	


**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

 Attorney Docket No.
5634.355

 Serial No.
08/487,526

 Applicants
John C. Harvey and James W. Cuddihy

 Filing Date:
June 7, 1995

Group:

 Title: **Signal Processing Apparatus
and Method**

EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
	Mothersole, Peter L., "Teletext Signal Generation Equipment and Systems," <u>Consumer Electronics</u> , pp. 345-52.
	Harden, Brian, "Teletext/Viewdata LSI," <u>Consumer Electronics</u> , pp. 353-58.
	Swanson, E. et al., "An Integrated Serial to Parallel Converter for Teletext Application," <u>Consumer Electronics</u> , pp. 359-61.
	Neal, C. Bailey et al., "A Frequency-Domain Interpretation of Echoes and Their Effect on Teletext Data Reception," <u>Consumer Electronics</u> , pp. 362-77.
	Goyal, Shri K. et al., "Reception of Teletext Under Multipath Conditions," <u>Consumer Electronics</u> , pp. 378-92.
	Prosser, Howard F., "Set Top Adapter Considerations for Teletext," <u>Consumer Electronics</u> , pp. 393-99.
	Suzuki, Tadahiko et al., "Television Receiver Design Aspects for Employing Teletext LSI," <u>Consumer Electronics</u> , pp. 400-05.
	Baer, Ralph H., "Tele-Briefs-A Novel User-Selectable Real Time News Headline Service for Cable TV," <u>Consumer Electronics</u> , pp. 406-08.
	Sherry, L.A., "Teletext Field Trials in the United Kingdom," <u>Consumer Electronics</u> , pp. 409-23.
	Clifford, Colin, "A Universal Controller for Text Display Systems," <u>Consumer Electronics</u> , pp. 424-429.
	Barlow, "The Design of an Automatic Machine Assignment System", <u>Journal of the SMPTE</u> , July 1975, Vol. 84, p. 532-537.
	Barlow, "The Automation of Large Program Routing Switchers", <u>SMPTE Journal</u> , July 1979, Vol. 88, p. 493-497.
	Barlow, "The Computer Control of Multiple-Bus Switchers", <u>SMPTE Journal</u> , September 1976, Vol. 85, p. 720-723.
	Barlow, "The Assurance of Reliability", <u>SMPTE Journal</u> , February 1976, Vol. 85, p. 73-75.
	Barlow, "Some Features of Computer-Controlled Television Station Switchers", <u>Journal of the SMPTE</u> , March 1972, Vol. 81, p. 179-183.
V	Barlow et al., "A Universal Software for Automatic Switchers", <u>SMPTE Journal</u> , October 1978, Vol. 87, p. 682-683.

EXAMINER 	DATE CONSIDERED 9/06
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	


**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.355	Serial No. 08/487,526 RECEIVED 96 JAN -1 PM 7:30 GROUP 260
	Applicants John C. Harvey and James W. Cuddihy	
	Filing Date: June 7, 1995	Group:

EXAMINER INITIALS	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
	Butler, "PCM-Multiplexed Audio in a Large Audio Routing Switcher", <u>SMPTE Journal</u> , November 1976, Vol. 85, p. 875-877.
	Dickson et al., "An Automated Network Center", <u>Journal of the SMPTE</u> , July 1975, Vol. 84, p. 529-532.
	Edmondson et al., "NBC Switching Central", <u>SMPTE Journal</u> , October 1976, Vol. 85, p. 795-805.
	Flemming, "NBC Television Central - An Overview", <u>SMPTE Journal</u> , October 1976, Vol. 85, p. 792-795.
	Horowitz, "CBS" New-Technology Station, WBBM-T", <u>SMPTE Journal</u> , March 1978, Vol. 87, p. 141-146
	Krochmal et al., "Television Transmission Audio Facilities at NBC New York", <u>SMPTE Journal</u> , October 1976, Vol. 85, p. 814-816.
	Kubota et al., "The Videomelter", <u>SMPTE Journal</u> , November 1978, Vol. 87, p. 753-754.
	Mausler, "Video Transmission Video Facilities at NBC New York", <u>SMPTE Journal</u> , October 1976, Vol. 85, p. 811-814.
	Negri, "Hardware Interface Considerations for a Multi-Channel Television Automation System", <u>SMPTE Journal</u> , November 1976, Vol. 85, p. 869-872.
	Paganuzzi, "Communication in NBC Television Central", <u>SMPTE Journal</u> , November 1976, Vol. 85, p. 866-869.
	Roth et al., "Functional Capabilities of a Computer Control System for Television Switching", <u>SMPTE Journal</u> , October 1976, Vol. 85, p. 806-811.
	Rourke, "Television Studio Design - Signal Routing and Measurement", <u>SMPTE Journal</u> , September 1979, Vol. 88, p. 607-609.
	Yanney, Sixty-Device Remote-Control System for NBC's Television Central Project", <u>SMPTE Journal</u> , November 1976, Vol. 85, p. 873-877.
	Young et al., "Developments in Computer-Controlled Television Switches", <u>Journal of the SMPTE</u> , August 1973, Vol. 82, p. 658-661.
	Young et al., "The Automation of Small Television Stations", <u>Journal of the SMPTE</u> , Oct. 1971, Vol. 80, p. 806-811.
	Zborowski, "Automatic Transmission Systems for Television", <u>SMPTE Journal</u> , June 1978, Vol. 87, p. 383-385.
V	"Landmark forms cable weather news network," EDITOR & PUBLISHER, (August 8, 1981) p. 15.

EXAMINER 	DATE CONSIDERED 9/06
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634,355 50 JAN - 1 PM 7:30 GROUP 260	Serial No. 08/487,526
	Applicants John C. Harvey and James W. Cuddihy	
	Filing Date: June 7, 1995	Group:

EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
	"Broadcast Teletext Specification," published jointly by British Broadcasting Corporation, Independent Broadcasting Authority, British Radio Equipment Manufacturers' Association (September 1976), pp. 1-24.
	"Colormax Cable captioning - 16,000,000 Subs NEED It!," Colormax Electronic Corp. (advertisement), 3 pages.
	"7609 Sat-A-Dat Decoder/Controller," Group W Satellite Communications (advertisement) 2 pages.
	"Teletext Timing Chain Circuit (SAA5020)," (August 1978), pp. 109.
	"Teletext Video Processor (SAA 5030)," Mullard (December 1979), pp. 1-9.
	"Video Text Decoder Systems (Signetics)," <u>Phillips IC Product Line Summary</u> (May 1981), pp. 15-16.
	"Teletext Acquisition and Control Circuit (SAA5040 Series)," Mullard (June 1980), pp. 1-16.
	"Asynchronous Data Transmission System Series 2100 VIDATA," Wagener Communications, Inc. (advertisement), 2 pages.
	"Zenith VIRTEXTTM . . . Vertical Interval Region Text and Graphics," Zenith Radio Corporation (flyer), 7 pages.
	Anon, "Television Network Automated By Microcomputer-Controlled Channels," Computer Design, Vol. 15, no. 11, (Nov., 1976), pp. 50, 59, 62, 66 and 70.
	Kinik, et al., "A Network Control System For Television Distribution By Satellite," <u>Journal of The SMPTE</u> , Feb. 1975, vo. 84, no. 2, pp. 63-67.
	Chiddix, "Videocassette Banks Automate Delayed Satellite Programming," Aug. 1978, TV Communications, pp. 38-39.
	Curnal, et al., "Automating Television Operating Centers," Bell Laboratories Record, March, 1978, pp. 65 - 70.

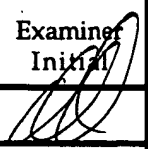
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

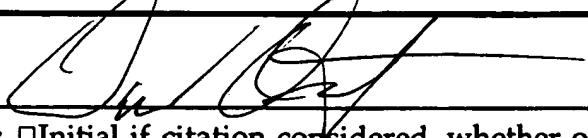
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Sheet 1 of 23

Supplemental Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Methods	Attorney Docket No. 5634.355	Serial No. 08/487,526
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Filing Date 7-Jun-95	Group 2602

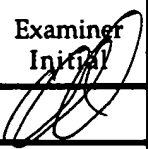

U. S. Patent Documents


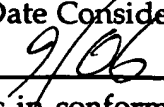
Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date *
	2,510,046	5/30/50	Ellett, et al.	178/5.6	
	2,619,530	11/25/52	Roschke	178/5.1	
	2,892,882	6/30/59	Hughes	178/5.1	
	2,972,008	2/14/61	Ridenour, et al.	178/5.1	
	3,304,416	2/14/67	Wolf	235/92	
	3,336,437	8/15/67	Brouard, et al.	178/5.4	
	3,478,164	11/11/69	Southworth	178/6.6	
	3,576,391	4/27/71	Houghton	178/5.6	
	3,683,111	8/8/72	Southworth	178/6	
	3,726,992	4/10/73	Eguchi, et al.	178/5.6	
	3,728,480	4/17/73	Baer	178/6.8	
	3,743,767	7/3/73	Bitzer, et al.	178/5.6	
	3,875,329	4/1/75	Nagel	178/6.8	
	3,927,250	12/16/75	Rainger	178/5.6	
	3,950,607	4/13/76	Southworth, et al.	178/6	
✓	3,961,137	6/1/76	Hutt, et al.	178/68	

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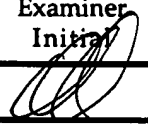

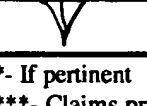
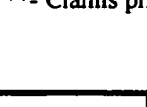
U. S. Patent Documents

Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date *
	3,982,064	9/21/76	Barnaby	348/467	
	4,057,829	11/8/77	Moorehead	358/86	
	4,104,681	8/1/78	Saylor, et al.	358/141	
	4,148,066	4/3/79	Saylor	358/127	
	4,175,267	11/20/79	Tachi	358/4	
	4,199,656	4/22/80	Saylor	178/66.1	
	4,290,062	9/15/81	Marti, et al.	340/721	
	4,303,940	12/1/81	Ciciora	358/142	7/14/80
	4,303,941	12/1/81	Marti, et al.	358/147	5/6/80
	4,333,109	6/1/82	Ciciora	358/147	1/24/80
	4,335,402	6/15/82	Holmes	358/147	11/14/80
	4,347,618	8/31/82	Kavouras, et al.	375/37	6/30/80
	4,352,011	9/28/82	Guillou	235/375	1/23/80
	4,367,488	1/4/83	Leventer, et al.	358/147	5/1/81
	4,388,639	6/14/83	Cox, et al.	358/27	5/18/81
	4,393,376	7/12/83	Thomas	340/717	6/4/81

Examiner 	Date Considered 
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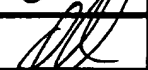
U. S. Patent Documents

Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date *
	4,393,404	7/12/83	Cox, et al.	358/147	2/26/81
	4,400,717	8/23/83	Southworth, et al.	358/13	4/21/81
	4,439,761	3/27/84	Fleming, et al.	345/189	5/19/81
	4,449,145	5/15/84	Ciciora	358/147	6/13/83***

*- If pertinent


***- Claims priority from parent application filed prior to Nov. 3, 1981.

Foreign Patent Documents

Examiner Initial	Document Number	Publication Date	Country	Class / Subclass	Translation	
					Yes	No
	2 033 699	5/21/80	Great Britain	H04L 1/10, 1/40		X
	2 058 681	6/15/72	Germany	H04N 7/08	X	


Other Documents

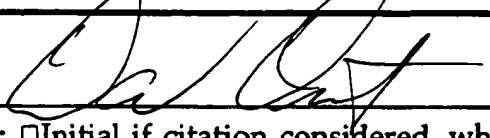
Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
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Examiner 	Date Considered 9/06
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Other Documents

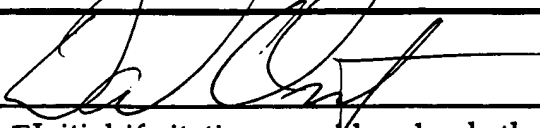
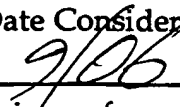
Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Powell, C., "Prestel: The Opportunity For Advertising," <u>Viewdata & Videotext, 1980-81 A Worldwide Report/Transcript of Viewdata '80 First World Conference On Viewdata, Videotex, and Teletext</u> , March 26-28, 1980, pp. 233-246.
	Reuters, "TRANSMISSION PROTOCOL FOR REUTERS NEWS-VIEW," Aug. 1978, 2 pages.
	Bright, R., "The Telematique Programme in France," <u>Viewdata & Videotext, 1980-81 A Worldwide Report/Transcript of Viewdata '80 First World Conference On Viewdata, Videotex, and Teletext</u> , March 26-28, 1980, pp. 19-24.
	Barlund, O., et al., "TELSET, the Finnish Viewdata System," <u>Viewdata & Videotext, 1980-81 A Worldwide Report/Transcript of Viewdata '80 First World Conference On Viewdata, Videotex, and Teletext</u> , March 26-28, 1980, pp. 139-148.
	Hutt, P., "ORACLE-A Fourth Dimension in Broadcasting," <u>IBM Technical Review</u> , September 1976/9 Digital Television Developments, pp. 3-9.
	Hutt, P., "A System of Data Transmission in the Field Blanking Period of the Television Signal," <u>IBA Technical Review</u> , June 1973, Digital Television, pp. 37-44.
	Allora-Abbondi, G., "Transmission System Evaluation for Two-Way Cable," <u>IEEE Transactions on Cable Television</u> , Vol. CATV-4, No. 3, July 1979, pp. 111-118.
	Chorafas, D., "Interactive Videotex - The Domesticated Computer," 1981, pp. 171-183 & preface.
✓	Baer, R., "Innovative Add-On TV Products," <u>IEEE Transactions on Consumer Electronics</u> , Vol. CE-25, November 1979, pp. 765-771.

Examiner 	Date Considered 9/86
Examiner: <input type="checkbox"/> Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Henderson, Jr., D., et al., "Issues in Message Technology," Proceedings, Fifth Data Communications Symposium, September 27-29, 1977, pp. 6-1 - 6-9.
	Schmodel, S., "TV Systems Enabling Viewers to Call Up Printed Data Catch Eye of Media Firms," newspaper article, <u>The Wall Street Journal</u> , Tuesday, July 24, 1979, p. 46.
	Braden, R., "A Server Host System on the ARPANET," Proceedings, Fifth Data Communications Symposium, September 27-29, 1977, p. 4-1 - 4-9.
	Proceedings, Fifth Data Communications Symposium, September 27-29, 1977, Table of Contents.
	Greenberg, B., et al., "VIMACS - A Vertical Interval Machine Control System," pp. 146-152.
	Dynamic Technology Limited, Vimacs, Machine Control and Data Transmission Systems, product description, 6 pages.
	Online Conference On Videotex, Viewdata, and Teletext, Conference Transcription, Table of Contents, 1980.
	Viewdata 81, the second World Conference on viewdata, videotex and teletext, Table of Contents for written papers presented at the Conference, October, 1981.
	Anderson, T., "The Vertical Interval: A General-Purpose Transmission Path," <u>IEEE Transactions On Broadcasting</u> , Vol. BC-17, No. 3, September 1971, pp. 77-82.
✓	"LSI circuits for teletext and viewdata, THE LUCY GENERATION," Mullard, Technical Publication M81-0001, June 1981.

Examiner 	Date Considered 
Examiner: <input type="checkbox"/> Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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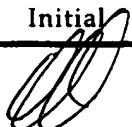
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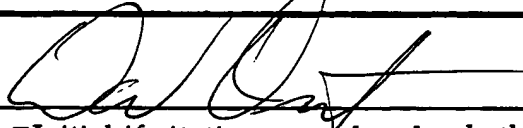
Examiner Initials	Author, Title, Date, Pertinent Pages, Etc.
	Hedger, J., et al., "Telesoftware - Value Added Teletext," <u>IEEE Transactions on Consumer Electronics</u> , Vol. CE-26, August 1980, pp. 555-566.
	Hedger, J., "Telesoftware: Using Teletext to Support a Home Computer," September 1978, pp. 273-276.
	Zenith, "VIRTEXT SYSTEM, VI.6, Hardware and Software Reference Manual," Zenith Radio Corporation, April 1981.
	Hedger, J., "Broadcast Telesoftware: Experience with ORACLE," 1980, pp. 413-429.
	Aston, M.H., "Viewdata-Implications for Education," 1980, pp. 467-476.
	de Weger, M., "VIRDATA DECODER V-2," circuit diagram, Jul. 1, 1981, 1 page.
	"VIRTEXT," circuit diagram, 1980, 1 page.
	"UK TELETEXT AND VIDEOTEX - The world's first established electronic information services available to the public," ORACLE - Ceefax, 12 pages.
	Lucas, K., "The Numerical Basis for ORACLE Transmission," <u>IBA Technical Review</u> , Vol. 9, September 1976, Digital Television Developments, pp. 10-16.
	Green, N., et al, "ORACLE on Independent Television," <u>IBA Technical Review</u> , Vol. 9, September 1976, Digital Television Developments, pp. 18-31.
	Green, N.W., "Computer Aided Programme Presentation," <u>IBA Technical Review</u> , Vol. 1, September 1972, pp. 55-64.
✓	Beakhurst, D.J., et al., "Teletext and Viewdata - A Comprehensive Component Solution," Illustrations, <u>Proceedings, IEE</u> , Vol. 126, December 1979, pp. 1382-1385.

Examiner	Date Considered 9/86
Examiner: <input type="checkbox"/> Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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Other Documents

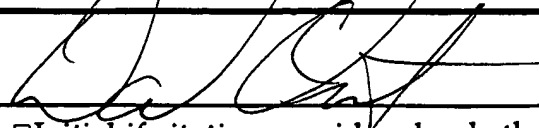
Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Chambers, J. P., "Enhanced UK Teletext Moves Towards Still Pictures," <u>IEEE Transactions on Consumer Electronics</u> , Vol. CE-26, August 1980, pp. 527-554.
	Crowther, G.O., "Dynamically Redefinable Character Sets - D.R.C.S.," <u>IEEE Transactions on Consumer Electronics</u> , Vol. CE-26, November 1980, pp. 707-716.
	Kaplinsky, C. H., "The D ² B a One Logical Wire Bus for Consumer Applications," <u>IEEE Transactions on Consumer Electronics</u> , Vol. CE-27, February 1981, pp. 102-109.
	Vivian, R. H., et al., "Telesoftware Makes Broadcast Teletext Interactive," pp. 277-280.
	Numaguchi, Y., et al., "Experimental Studies of Transmission Bit-Rate for Teletext Signal in the 525-Lane Television System," <u>IEEE Transactions on Broadcasting</u> , Vol. BC-25, December 1979, pp. 137-142.
	Arnold, W. F., "Britons Mull 'Magazine' Via TV," <u>Electronics</u> , February 5, 1976, pp. 68-69.
	"Telesoftware," <u>Systems International</u> , June 1980, p. 43.
	Baldwin, J. L. E., et al., "A Standards Converter Using Digital Techniques," <u>IBA Technical Review</u> , Vol. 3, June 1973, Digital Television, pp. 15-35.
	Hawker, P., "An Introduction to Integrated Circuits and Digital Electronics," <u>IBA Technical Review</u> , Vol. 3, June 1973, Digital Television, pp. 5-13.
	Baldwin, J. L. E., "The Digital Future of Television Studio Centres," <u>IBA Technical Review</u> , Vol. 3, June 1973, Digital Television, pp. 45-51.
✓	Bown, H. G., et al., "Comparative Terminal Realizations with Alpha-Geometric Coding," <u>IEEE Transactions on Consumer Electronics</u> , Vol. CE-26, August 1980, pp. 605-614.

Examiner 	Date Considered 9/06
Examiner: <input type="checkbox"/> Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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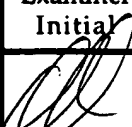

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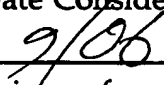
Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Hanas, O. J., et al., "An Addressable Satellite Encryption System for Preventing Signal Piracy," <u>IEEE Transactions on Consumer Electronics</u> , Vol. CE-27, November 1981, pp. 631-635.
	Breeze, E. G., "Television Line 21 Encoded Information and Its Impact on Receiver Design," August 20, 1972, pp. 234-237.
	Lentz, J., et al., "Television Captioning for the Deaf Signal and Display Specifications," Report No.: E-7709-C, PBS Engineering and Technical Operations, May 1980.
	"Pulses on a Television Signal Control Stations in Network," <u>Electronics</u> , February 6, 1967, pp. 101-102.
	"Demonstration of the Principle of Data Transmission in the Vertical Interval of the Television Video Waveform," October 22, 1968, 4 pages.
	King, P. T., "A Novel TV Add-On Data Communication System," 5 pages.
	Pierce, W. D., et al., "A Low Cost Terminal for the 1980's: Project Green Thumb," <u>IEEE Transactions on Consumer Electronics</u> , Vol. CE-26, August 1980, pp. 487-495.
	"CBS/CCETT North American Broadcast Teletext Specification," (Extended Antiope), May 20, 1981.
	Baer, W. S., "Interactive Television: Prospects for Two-Way Services on Cable," Rand Corporation, November 1971, pp. 1-88.
V	Noirel, Y, et al., "Architecture of the French LSI Set for Antiope Teletext Decoders," pp. 134-144.

Examiner 	Date Considered 9/06
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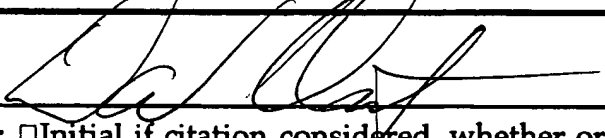
Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Beakhust, D. J., et al., "Teletext and Viewdata - A Comprehensive Component Solution," <u>Proceedings, IEEE</u> , Vol. 126, December 1979, pp. 1374-1396.
	Money, S. A., et al., "Teletext Decoder Update - Part 1," <u>Television</u> , June 1979, pp. 407-409.
	Money, S. A., et al., "Teletext Decoder Update - Part 2," <u>Television</u> , June 1979, pp. 479-481.
	Money, S.A., et al., "Teletext Decoder Update - Part 3," <u>Television</u> , August 1979, pp. 538-541.
	Peters, H., "Teletext the Philips Way," <u>Television</u> , April 1980, pp. 298-301.
	Crowther, G. O., "Teletext and Viewdata Systems and Their Possible Extension to the USA," <u>Proceedings, IEE</u> , Vol. 126, No. 12, December 1979, pp. 1417-1424.
	Shortland, D., "Teletext with Infra-Red Remote Control," <u>Practical Electronics</u> , August 1980, pp. 39-44.
	Mokhoff, N., "Consumer Electronics," <u>Technology '80</u> , pp. 64-68.
	Government of Canada, Department of Communications, "Broadcast Specification: Television Broadcast Videotex," June 19, 1981.
	Insam, E., et al., "An Integrated Teletext and Viewdata Receiver," <u>The SERT Journal</u> , Vol. 11, October 1977, pp. 210-213.
	Thomas, H. B., et al., "Methods of Designing and Evaluating Videotex," <u>Online: A Transcript of the Online Conference on Videotex, Videodata and Teletext</u> , 1980, pp. 203-216.

Examiner 	Date Considered 
Examiner: <input type="checkbox"/> Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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Other Documents

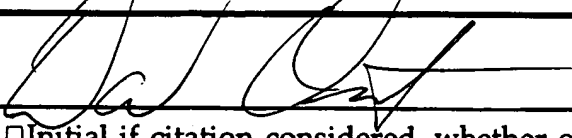
Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Wright, J. B., et al., "An Evolutionary Approach to the Development of Two-Way Cable Technology Communication," <u>IEEE Transactions on Cable Television</u> , Vol. CATV-2, No. 1, January 1977, pp. 52-61.
	Fedida, S., et al., "Viewdata - The Post Office's Textual Information and Communications System," <u>Wireless World</u> , February 1977, pp. 32-35.
	Fedida, S., et al., <u>Videodata Revolution</u> , Halsted Press, New York, 1979, pp. 1-31 and 170-183.
	Clarke, K. E., "The Application of Picture Coding Techniques to Viewdata," <u>IEEE Transactions on Consumer Electronics</u> , Vol. CE-26, August 1980, pp. 568-577.
	Blatt, J. et al., "The Promise of Teletext for Hearing Impaired Audiences," <u>IEEE Transactions on Consumer Electronics</u> , Vol. CE-26, November 1980, pp. 717-722.
	Rupp, C. R., "A Stand-Alone CAI System Based on Procedural Grammars," <u>EASCON '76 Record</u> , September 1976, pp. 1153-A through 1153-Z.
	Vezza, A., et al., "An Electronic Message System: Where Does It Fit?," <u>Trends and Applications 1976: Computer Networks</u> , November 17, 1976, pp. 89-97.
	Myer, T. H., et al., "Message Technology in the Arpanet," <u>NTC '77</u> , 21: 2-1 through 2-8.
	Kuo, F. F., "Message Services in Computer Networks," <u>Interlinking of Computer Networks</u> , Reidel Publishing Co., 1978, pp. 387-395.
	Hagan, R., "Interworking Between Different Text Communication Services and Between Different Text Communication Networks," <u>NTC 1980 - Conference Record</u> , November 1980, pp. 28.5.1-28.5.6.

Examiner 	Date Considered 9/06
Examiner: <input type="checkbox"/> Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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Other Documents

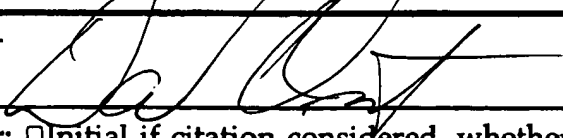
Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Rinde, J., "Packet Network Access in Electronic Mail System," <u>NTC 1980 - Conference Record</u> , November 1980, pp. 60.4.1-60.4.4.
	Wendlinger, F., et al., "Systems for Corporate Text Communication," <u>NTC 1980 - Conference Record</u> , November 1980, pp. 65.5.1-65.5.4.
	Naffah, N., "Communication Protocols for Integrated Office Systems," <u>Computer Networks</u> , Vol. 5, No. 6, 1981, pp. 445-454.
	Treves, S.R., et al., "Text, Image, and Data Integration In a Distributed Control Digital Voice Switching System," <u>ISS '81</u> , September 1981.
	Wiest, G., et al., "An Integrated Service Broadband Network for Voice, Text, Data and Video," <u>ISS '81</u> , September 1981.
	Dickson, E.M. et al., <u>The Video Telephone</u> , Praeger Publishers, 1973, pp. v. and 9-78.
	Rayner, B., "The Application of Switcher-Intelligent Interfaces to Video Tape Editing," <u>SMPTE Journal</u> , Vol. 88, October 1979, pp. 715-717.
	Everton, J.K., "A Hierarchical Basis for Encryption Key Management in a Computer Communications Network," <u>Conference Record - 1978 International Conference on Communications</u> , Vol. 3, pp. 46.4.1 through 46.4.7.
↓	Davies, D.W., et al., <u>Computer Networks and Their Protocols</u> , John Wiley & Sons, 1979, pp. v-xiii and 390-417.
↓	Popek, G.J., et al., "Encryption and Secure Computer Networks," <u>Computing Surveys</u> , Vol. 11, No. 4, December 1979, pp. 331-356.

Examiner 	Date Considered <u>9/06</u>
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	Filing Date 7-Jun-95	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Everton, J.K., "Adaptation of the Basic Hierarchy for Encryption Key Management to Serve Applications with Conflicting Requirements," <u>Proceedings</u> , Computer Networking Symposium, December 1979, pp. 186-191.
	Nelson, J., "Implementations of Encryption in an 'Open Systems' Architecture," <u>Proceedings</u> , Computer Networking Symposium, December 1979, pp. 198-205.
	Lyons, R.E., "A Total AUTODIN System Architecture," <u>IEEE Transactions on Communications</u> , Vol. Com-28, No. 9, September 1980, pp. 1467-1471.
	Powers, S., et al., "Memo: An Application of Secret Key Cryptography and Public Key Distribution," <u>CompSac '80</u> , October 1980, pp. 821-827.
	Allgaier, G.R., et al., "Navy Command and Control (c ²) Using Local Networks," <u>NTC 1980 - CONFERENCE RECORD</u> , November 1980, Vol. 1, pp. 41.3.1 through 41.3.5.
	Kowalchuk, J., et al., "Communications Privacy: Integration of Public and Secret Key Cryptography," <u>NTC 1980 - CONFERENCE RECORD</u> , November 1980, pp. 49.1.1 through 49.1.5.
	Denning, D.E., et al., "Timestamps In Key Distribution Protocols," <u>Communications of the ACM</u> , Vol. 24, No. 8, August 1981, pp. 533-536.
	Chambers, J.P., et al., "The Development of a Coding Hierarchy for Enhanced UK Teletext," <u>IEEE Transactions on Consumer Electronics</u> , Vol. CE-27, No. 3, August 1981, pp. 536-540.
	Takizawa, M., et al., "Resource Integration and Data Sharing on Heterogeneous Resource Sharing System," <u>Evolutions In Computer Communications</u> , 1978, pp. 253-258.

Examiner 	Date Considered 9/86
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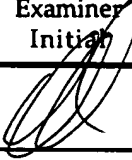

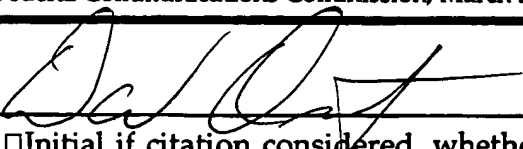
Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Smith, R.G., et al., "Considerations for Microprocessor-based Terminal Design," <u>Conference Record - 12th Asilomar Conference on Circuits, Systems and Computers</u> , November 1978, pp. 437-441.
	Mowafi, O.A., et al., "Integrated Voice/Data Packet Switching Techniques for Future Military Networks," <u>Proceedings, Computer Networking Symposium</u> , 1979, pp. 216-223.
	Day, J.D., "Terminal Protocols," <u>IEEE Transactions on Communications</u> , Vol. COM-28, No. 4, April 1980, pp. 585-593.
	Rosen, E.C., "The Updating Protocol of ARPANET's New Routing Algorithm," <u>Computer Networks</u> , Vol. 4, 1980, pp. 11-19.
	Hasuike, K., et al., "Text and Facsimile Integrated Terminal," <u>NTC 1980-Conference Record</u> , 1980, p. 60.5.1 through 60.5.5.
	Cerf, V.G., et al., "An Experimental Service for Adaptable Data Reconfiguration," <u>IEEE Transactions on Communications</u> , Vol. COM-20, No. 3, June 1972, pp. 557-564.
	Croll, R.H., et al., "A Distributed Data Acquisition and Processing System for Multiple Aerospace Test Facilities," <u>Proceedings of the 26th Int'l Instrumentation Symposium</u> , May 1980, pp. 287-295.
	Tsay, D.P., et al., "Design of a Robust Network Front-End for the Distributed Double-Loop Computer Network," <u>Distributed Data Acquisition, Computing, and Control Symposium</u> , December 1980, pp. 141-155.
	Glorieux, A.M., et al., "Distributing a Line System into a Distributed Data Base Management System: Sirius-Delta Experience," <u>Proceedings - Computer Networking Symposium</u> , December 1980, pp. 19-25.

Examiner	Date Considered
Examiner: <input type="checkbox"/> Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

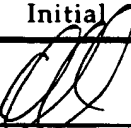
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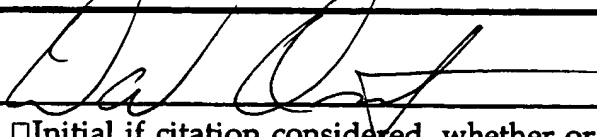
Other Documents

Examiner Initials	Author, Title, Date, Pertinent Pages, Etc.
	Chambers, J.P., "Potential of Extended Teletext," <u>Television: Journal of the Royal Television Society</u> , September/October 1980, pp. 43-45.
	Chambers, J.P., "Teletext - The Potential of an Extended System," pp. 114-117.
	Pandey, K., "Advanced Teletext Systems," pp. 262-265.
	Hartung, R.L., et al., "Virtual I/O - An Experiment," <u>Sigmicro Newsletter</u> , Vol. 10, No. 4, December 1979, pp. 109-113.
	Daniels, J.F., "Wireless World Teletext Decoder," <u>Wireless World</u> , December 1975, pp. 563-566.
	"Microprocessor Smartens Teletext," <u>Electronics</u> , September 28, 1978, pp. 74.
	Sowter, B., "Vision of the Future," <u>International Broadcast Engineer</u> , December 1977/January 1978, pp. 13-19.
	VIMACS - Machine Control and Data Transmission System, Advertisement, 3 pages.
	O'Connor, R.A., "Current Usage of Vertical Interval Test Signals in Television Broadcasting," <u>IEEE Transactions on Consumer Electronics</u> , August 1976, pp. 220-229.
	Solomon, B., "New World of T.V. Reception," <u>Popular Electronics</u> , May 1979.
	Setos, A., "WASEC'S Network Operations Center," <u>Cable: '81</u> , May 1981, pp. 52-54.
	Beakley, G.W., et al., "Cable and Earth Stations - A Business Connection," <u>Cable: '81</u> , May 1981, pp. 108-113.
	"Petition for Rulemaking of United Kingdom Teletext Industry Group," Before the Federal Communications Commission, March 26, 1981, 139 pages.
Examiner	
	Date Considered 9/86
Examiner: <input type="checkbox"/> Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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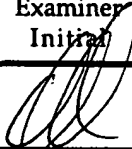

Other Documents

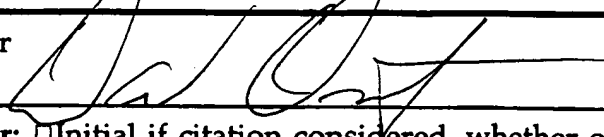
Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Conte, J.J., et al., "A NOAA/National Weather Service Teletext Type Weather Experiment," November 1979.
	Vivian, R.H., "Level 4 Enhanced UK Teletext Transmits Graphics Through Efficient Alpha-Geometric Coding," <u>IBA</u> , pp. 1-6.
	Bugg, R.E.F., "Microprocessor Peripheral for Viewdata," <u>Electronic Components & Applications</u> , Vol. 3, No. 2, February 1981, pp. 2-11.
	Chambers, J.P., "Enhanced UK Teletext Moves Towards Still Pictures," BBC Research Report-BBC RD 1980/4, June 1980, pp. 1-28.
	VG Electronics - Short Form Catalogue, 4 pages.
	<u>Multitext - Technical Information 050</u> , Signetics, pp. 3-51.
	<u>Presentation Level Protocol - Videotex Standard</u> , Bell System, May 1981, pp. 1-105.
	Crozier-Cole, P.A., "Regional Operations Centres-The next Generation," pp. 7-9.
	Crozier-Cole, P.A., "Regional Operations Centres for the IBA UK Transmitter Network," pp. 197-204.
	Lloyd, H.F., et al., "A Television-Network Switching Equipment to 625-Line Colour Standards." pp. 199-201
	Griffiths, E., "Eurovision's Technical Facilities," pp. 215-220.
V	Parker, F.G., "The Impact of Digital Techniques on Studio Equipment," pp. 267-272.
V	"Family Functional Specification," Norpak Limited, August 7, 1981, 14 pages.

Examiner 	Date Considered 9/06
Examiner: <input type="checkbox"/> Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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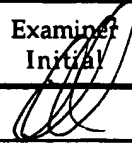
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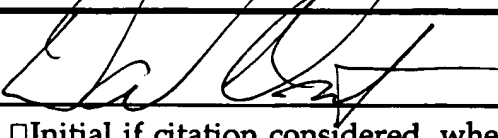
Examiner Initials	Author, Title, Date, Pertinent Pages, Etc.
	"Software Specification for Monitoring the Use of Teletext," Norpak Limited, November 1980, 4 pages.
	Wegner, R., "The 1980's - A New Era for the Data Display System," pp. 62-64.
	"Vidata - 2105/Interface," 9 pages.
	"Vidata - 352/BNC Connectors," Wegener Communications, Inc., 8 pages.
	Taylor, E.L., "Teletext v. Videotext: Pros and Cons and What's Really Going On," For TVC Magazine, 6 pages.
	Service Bulletin, To All CableText Customers with Zenith Virtex Decoders, November 14, 1980, 8 pages.
	Thomas, W., "Zenith Videotex/Teletext Review," 3 pages.
	Sullivan, W., "Cabletext: Into Second Year and Developing," Satellite Communications Corp., 4 pages.
	Vidata Interface Cable (Vidata 2105).
	Gallagher, E.F., "Digital Time Division Switching for Military Communications," <u>IEEE Transactions on Communications</u> , Vol. COM-27, No. 7, July 1979, pp. 1138-1143.
	Roth, M., "Security Alert a Two-Way Digital Communications System," <u>Official Transcript - 20th Annual NCTA Convention</u> , July 1971, pp. 500-506.
	Zenith Text Products, Advertisement, 4 pages.
	Gardner, T., "Viewers Given Equal Time to Talk Back to TV Sets," August 1977.

Examiner 	Date Considered 9/06
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Other Documents

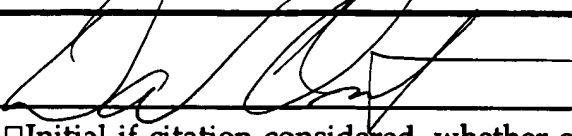
Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Campbell, S., "Step Ahead of Future TV Market," <u>The Register</u> , October 26, 1978.
	Bown, H.G., et al., "Picture Description Instructions PDI for the Telidon Videotex System," Department of Communications, Canada, November 1979, pp. 1-71.
	"An Example of Aggressive Subcarrier Loading," Table, United Video Inc.
	Livaditis, E., et al., "Optimizing Subcarriers for Satellite Transmission," <u>National Cable Television's 30th Annual Convention and Exposition</u> , May 1981, 6 pages.
	Gunn, H., et al., "A Public Broadcaster's View of Teletext in the United States."
	Fraser, J., "From 'Pots' to 'Pans' - Videotex Development in Canada," <u>OnLine Conference on Viewdata Services</u> , March 1980, pp. 1-10.
	Parkhill, D.F., "An Overview of the Canadian Scene," <u>Viewdata '80</u> , March 1980, pp. 1-12.
	Maguire, W.T., "Videotex and the Newspaper Business," American Newspaper Publishers Association.
	Wilson, L.G., "Vista: Leading to the Successful Implementation of Videotex in Canada," <u>OnLine Conference On Viewdata Services</u> , March 1980.
	Guillermin, J., "Development & Applications of the Antiope-Didon Technology," <u>Viewdata '80</u> , March 1980, pp. 29-38.
✓	Haimes, A.R., "IVS-3 as a Private Viewdata System," <u>Viewdata '80</u> , March 1980, pp. 323-336.

Examiner 	Date Considered 9/86
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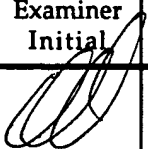
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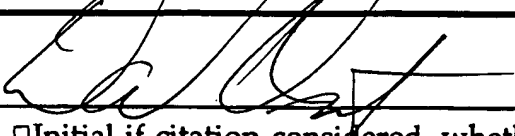
Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Haslam, G., "Information Provider Activities in Canada," <u>Viewdata '80</u> , March 1980, pp. 1-6.
	Heys, E.A., et al., "STC's Approach to In-House Viewdata Systems, <u>Viewdata '80</u> , March 1980, pp. 313-322.
	Inoue, R., "The Index System of the CAPTAIN System Experimental Service," <u>Viewdata '80</u> , March 1980, pp. 113-122.
	Kumamoto, T., et al., "CAPTAIN System Features - Presentation Capability and Transmission Method," <u>Viewdata '80</u> , March 1980, pp. 93-105.
	Kurushima, N., "The Cooperative Association of CAPTAIN Information Providers and Present State of Information Supply for the Experimental Service," <u>Viewdata '80</u> , March 1980, pp. 123-132.
	Marti, B., "Broadcast Text Information in France," <u>Viewdata '80</u> , March 1980, pp. 359-370.
	Mauray, J.P., "Plans and Projection for the Electronic Directory Service," <u>Viewdata '80</u> , March 1980, pp. 39-50.
	Messerschmid, U., "Teletext in the Federal Republic of Germany," <u>Viewdata '80</u> , March 1980, pp. 431-445.
	Montague, P.M., "The Electronic Newspaper," <u>Viewdata '80</u> , March 1980, pp. 63-71.
	Morgan, G., "Britains Teletext Services are a Commercial Success," <u>Viewdata '80</u> , March 1980, pp. 341-357.

Examiner 	Date Considered 9/06
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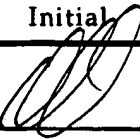

Other Documents

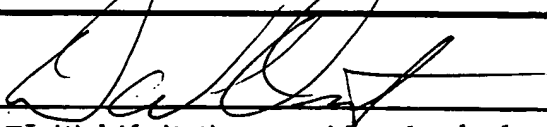
Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Park, R.F., "The Role of Viewdata in Electronic Funds Transfer," <u>Viewdata '80</u> , March 1980, pp. 185-201.
	Ruiten, P.J.G.M., "Viewdata in the Netherlands," <u>Viewdata '80</u> , March 1980, pp. 133-138.
	Sedman, E.C., "The Use of MicroCobol for Telesoftware," <u>Viewdata '80</u> , March 1980, pp. 399-411.
	Shrimpton, W., "International Business Applications of Viewdata," <u>Viewdata '80</u> , March 1980, pp. 147-158.
	Smirle, J.C., et al., "International Videotex Standardization: A Canadian View of Progress Towards the Wired World," <u>Viewdata '80</u> , March 1980, pp. 271-280.
	Smith, M.G., "Prestel - The Private System or Both?," <u>Viewdata '80</u> , March 1980, pp. 337-339.
	Tantawi, A.N., et al., "Workstations in the Electronic Office," <u>Viewdata '80</u> , March 1980, pp. 159-171.
	Termens, M., "Teletel - The Planned French Videotex Service," <u>Viewdata '80</u> , March 1980, pp. 25-28.
	Troughton, P., "Prestel Operational Strategy," <u>Viewdata '80</u> , March 1980, pp. 51-62.
	Watson, K., "Prestel User Market Research," <u>Viewdata '80</u> , March 1980, pp. 281-284.
✓	Winsbury, R., "Prestel as a publishing medium: the elements of success or failure," <u>Viewdata '80</u> , March 1980, pp. 285-293.

Examiner 	Date Considered 9/86
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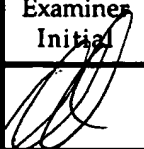

Other Documents

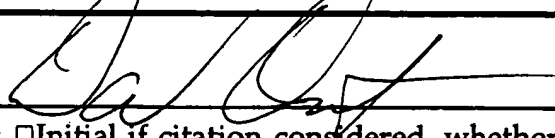
Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Woolfe, R., "The emerging markets for videotex," <u>Viewdata '80</u> , March 1980, pp. 217-231.
	Yasuda, K., "Conception of CAPTAIN System - Background, Experiment and Future Plans," <u>Viewdata '80</u> , March 1980, pp. 107-111.
	Zimmerman, R., "Future Utilization of Interactive and Broadcast Videotex in Germany and its Effects on Standardization," <u>Viewdata '80</u> , March 1980, pp. 263-269.
	Adams, D.M., "The Place of Viewdata in Relation to Other Communications Techniques in the Travel Industry: A Personal View," <u>Viewdata & Videotext. 1980-81: A Worldwide Report</u> , 1980, pp. 379-397.
	Barren, J., "Electronic Publishing and the Government," <u>Viewdata & Videotext. 1980-81: A Worldwide Report</u> , 1980, pp. 295-300.
	Berkman, S., "A Videotex Trial," <u>Viewdata & Videotext. 1980-81: A Worldwide Report</u> , 1980, pp. 447-460.
	Bochmann, G.V., et al., "Towards Videotex Standards," <u>Viewdata & Videotext. 1980-81: A Worldwide Report</u> , 1980, pp. 253-262.
	Botten, B., "Providing Business Information to Prestel," <u>Viewdata & Videotext. 1980-81: A Worldwide Report</u> , 1980, pp. 73-81.
	Bown, H.G., et al., "Telidon Technology Development in Canada," <u>Viewdata & Videotext. 1980-81: A Worldwide Report</u> , 1980, pp. 547-558.
	Ciciora, W.S., "The Role of the Television Receiver Manufacturer in the United States," <u>Viewdata & Videotext. 1980-81: A Worldwide Report</u> , 1980 pp. 533-546.

Examiner 	Date Considered 9/06
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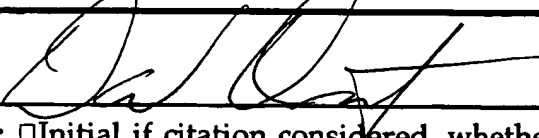
Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Bowers, P.G., et al., "Telidon and Education in Canada," <u>Viewdata & Videotext. 1980-81: A Worldwide Report</u> , 1980, pp. 7-17.
	Camrass, R., "Viewdata: A Practical Medium for Electronic Mail," <u>Viewdata & Videotext. 1980-81: A Worldwide Report</u> , 1980, pp. 173-184.
	Castell, S., "Prestel and the Law," <u>Viewdata & Videotext. 1980-81: A Worldwide Report</u> , 1980, pp. 301-312.
	Clarke, K.E., "What Kind of Pictures for Videotex?," <u>Viewdata & Videotext. 1980-81: A Worldwide Report</u> , 1980, pp. 83-92.
	Courtney, J.F., "Videotel," <u>Viewdata & Videotext. 1980-81: A Worldwide Report</u> , 1980, pp. 371-377.
	Davis, M., "Prestel and the Travel Industry," <u>Viewdata & Videotext. 1980-81: A Worldwide Report</u> , 1980, pp. 595-602.
	Korda, A., "Private Viewdata Systems," <u>Viewdata & Videotext. 1980-81: A Worldwide Report</u> , 1980, pp. 515-521.
	Maslin, J.M., "An evaluation of viewdata for training in industry," <u>Viewdata & Videotext. 1980-81: A Worldwide Report</u> , 1980, pp. 523-531.
	Morioka, F.K., "An Experiment with Computer-Based Educational Services in a General Public Environment," <u>Viewdata & Videotext. 1980-81: A Worldwide Report</u> , 1980, pp. 613-623.
	Chambers, J.P., "Potential of Extended Teletext," <u>Television: Journal of the Royal Television Society</u> , September/October 1980, pp. 43-45.

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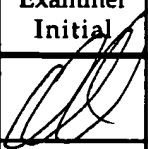
Other Documents

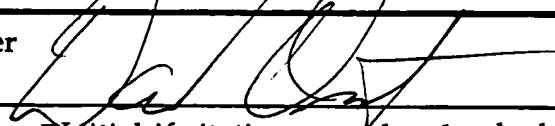
Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Ciciora, W.S., "Twenty-Four Rows of Videotex in 525 Scan Lines," <u>IEEE Transactions on Consumer Electronics</u> , Vol. CE-27, No. 4, November 1981, pp. 575-587.
	Ciciora, W.S., "Virtex & Virdata - A Present U.S. Teletext Application," <u>Videotex '81</u> , May 1981, pp. 77-84.
	Johnson, G.A., et al., "The Networking of Oracle," pp. 27-36.
	Mullard Application Laboratory, "Integrated Circuits for Receivers," pp. 43-56.
	Lambourne, A.D., "NEWFOR - An Advanced Subtitle Preparation System," pp. 57-63.
	<u>Keyfax - National Teletext Magazine</u> , Advertisement, 4 pages.
	<u>Keyfax - National Teletext Magazine</u> , Technical Bulletin, 1 page.
	<u>Keyfax</u> , Keyfax by Satellite, Advertisement, 2 pages.
	ORACLE, Advertisement Rate Card No. 1, September 1, 1981, 8 pages.
	"Multi-Level Teletext and Interactive Videotex," Operational Systems Worldwide, Information Sheets.
	"Brighton's Experience with Educational Software for Broadcast," 10 pages.
	CCITT, "Recommendation S.100 - International Information Exchange for Interactive Videotex," Geneva, 1980, pp. 165-205.
V	KSL-TV-Salt Lake City, Utah, Press Release About Teletext Signal, pp. 1-7d.
	CBS/CCETT, "North America Broadcast Teletext Specification," June 22, 1981, pp. 1-240.

Examiner 	Date Considered 9/86
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Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Crudele, J., "TI Tests Home Information System," <u>Electronic News</u> , November 6, 1978, pp. 24-25.
	"Systems -NABTS-NAPLPS," VSA - Videographic, Advertisement, 5 pages.
	"Now," World System Teletext, Advertisement, 6 pages.
	"Context" A Complete Teletext Origination System Developed By Logica and the BBC, Advertisement," 8 pages.
	Dages, C.L., "Videotex Services via CATV - Hybrid Systems Approach," pp. 14-25.
	Rogers, B.J., "The Broadcasting Options for Data Transmission Methods in Public Service Broadcasting," pp. 1-3.
	Williams, D., "Oak, Micro TV in Talks for Teletext," <u>Electronic News</u> , Nov. 13, 1978, pp. 25 & 88.
	"U.S. TV Station to Write Viewdata Software Link," newspaper article, Jan. 22, 1979, p. 81.
	Barbetta, F., "CBS Joins EIA in Test of Foreign TV Data System," newspaper article, 1979, p. 23.
	Hershberger, S., "Form Mktg. Unit for Antiope System," newspaper article, Apr. 2, 1979, p. 27.
✓	Hershberger, S., "Say French in Talks on Teletext," newspaper article, May 14, 1979, p. 48.

Examiner 	Date Considered 9/86
Examiner: <input type="checkbox"/> Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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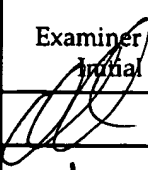
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Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.355	Serial No. 08/487,526
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Filing Date 7-Jun-95	Group 2602

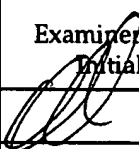

U. S. Patent Documents

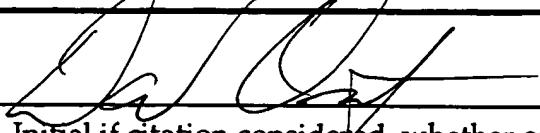
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	2,875,270	2/24/59	Wendt et al.	178/5.1	
	3,440,427	4/22/69	Kammer	250/210	
	3,485,946	12/23/69	Jackson et al.	178/6	
	3,500,327	3/10/70	Belcher et al.	340/154	
	3,560,936	2/2/71	Busch	340/172.5	
	3,564,509	2/16/71	Perkins et al.	340/172.5	
	3,602,891	8/31/71	Clark et al.	340/172.5	
	3,651,471	3/21/72	Haselwood et al.	340/172.5	
	3,696,297	10/3/72	Otero	325/55	
	3,712,956	1/23/73	Lemelson	178/6.6A	
	3,733,431	5/15/73	Kirk, Jr., et al.	178/5.1	
	3,836,888	9/17/74	Boenke et al.	340/172.5	
	3,848,082	11/12/74	Summers	178/5.6	
	3,849,729	11/19/74	Van Baggem	325/31	
	3,889,054	6/10/75	Nagel et al.	178/6.8	
V	3,906,450	9/16/75	Prado, Jr.	340/150	
	3,936,868	2/3/76	Thorpe	358/22	

Examiner 	Date Considered 9/96
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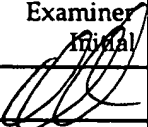

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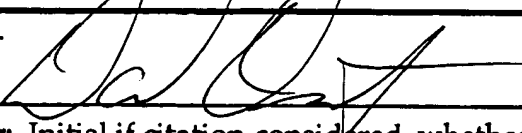
Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date *
	3,947,624	3/30/76	Miyake	178/6	
	3,947,972	4/6/76	Freeman	35/8 A	
	3,973,206	8/3/76	Haselwood et al.	325/455	
	3,982,065	9/21/76	Barnaby et al.	178/5.8	
	3,984,637	10/5/76	Caudill et al.	179/2	
	3,987,397	10/19/76	Belcher et al.	325/308	
	3,996,583	12/7/76	Hutt et al.	340/324	
	4,016,361	4/5/77	Pandey	358/83	
	4,026,555	5/31/77	Kirschner et al.	273/85	
	4,032,972	6/28/77	Saylor	358/142	
	4,042,958	8/16/77	Saylor et al.	358/141	
	4,048,562	9/13/77	Haselwood et al.	325/31	
	4,052,719	10/4/77	Hutt et al.	340/324	
	4,055,848	10/25/77	Fearnside	358/8	
	4,064,490	12/20/77	Nagel	364/200	
	4,074,315	2/14/78	Kawamura et al.	358/142	
	4,078,316	3/14/78	Freeman	35/8 A	

Examiner 	Date Considered 9/06
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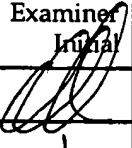

U. S. Patent Documents

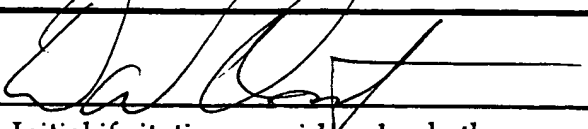
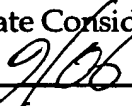
Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date *
	4,081,832	3/28/78	Sherman	358/124	
	4,096,524	6/20/78	Scott	358/85	
	4,099,258	7/4/78	Parsons	364/900	
	4,117,605	10/3/78	Kurland et al.	35/9 A	
	4,120,003	10/10/78	Mitchell et al.	358/142	
	4,134,127	1/9/79	Campioni	358/16	
	4,135,213	1/16/79	Wintfeld et al.	358/142	
	4,139,860	2/13/79	Micic et al.	358/22	
	4,144,495	3/13/79	Metzger	325/4	
	4,161,728	7/17/79	Insam	340/750	
	4,162,513	7/24/79	Beyers, Jr. et al.	358/191	
	4,178,613	12/11/79	Takahashi et al.	358/183	
	4,203,130	5/13/80	Doumit et al.	358/1	
	4,218,698	8/19/80	Bart et al.	358/22	
	4,228,543	10/14/80	Jackson	455/181	
	4,231,031	10/28/80	Crowther et al.	340/695	
	4,233,628	11/11/80	Ciciora	358/147	

Examiner 	Date Considered 9/06
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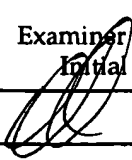
U. S. Patent Documents

Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date *
	4,243,984	1/6/81	Ackley et al.	340/703	
	4,245,252	1/13/81	Nagumo	358/213	
	4,249,211	2/3/81	Baba et al.	358/183	
	4,261,006	4/7/81	Weintraub et al.	358/3	
	4,270,145	5/26/81	Farina	358/188	
	4,278,973	7/14/81	Hughes et al.	340/721	
	4,278,993	7/14/81	Suzuki	358/22	
	4,308,558	12/29/81	Hernandez et al.	358/142	5/22/80
	4,315,282	2/9/82	Schumacher	358/107	9/11/80
	4,320,256	3/16/82	Freeman	179/6.04	11/27/79
	4,337,485	6/29/82	Chambers	358/147	9/24/80
	4,344,090	8/10/82	Belisomi et al.	358/183	9/13/79
	4,361,848	11/30/82	Poignet et al.	358/1	5/17/79
	4,374,395	2/15/83	Herrmann et al.	358/22	12/24/80
	4,377,870	3/22/83	Anderson et al.	455/2	12/21/78
	4,413,281	11/1/83	Thonnart	358/147	6/26/81
	4,420,656	12/13/83	Freeman	179/6.04	8/24/81

Examiner 	Date Considered 
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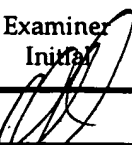
U. S. Patent Documents

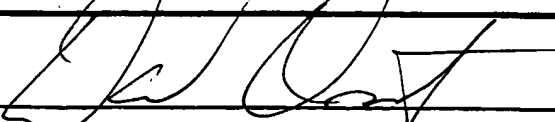
Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date *
	4,420,769	12/13/83	Novak	358/139	3/22/78
	4,422,486	12/27/83	Maret	144/117R	1/21/81
	4,430,669	2/7/84	Cheung	358/122	5/29/81
	4,433,379	2/21/84	Schenk et al.	364/200	9/29/80
	4,443,660	4/17/84	DeLong	178/22.04	2/10/82***
	4,449,114	5/15/84	Fascenda et al.	340/988	3/26/82***
	4,531,021	7/23/85	Bluestein et al.	178/22.08	8/13/84***
	4,860,379	8/22/89	Schoeneberger et al.	455/5	10/20/88***
	Re. 31,977	8/27/85	Ott	364/200	8/19/83***
V	Re. 32,187	6/17/86	Barda et al.	340/706	6/3/81

*- If pertinent

***- Claims priority from parent application filed prior to Nov. 3, 1981.


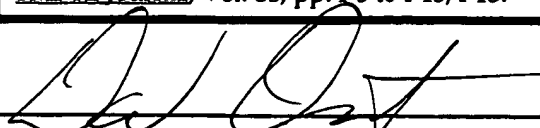
Foreign Patent Documents

Examiner Initial	Document Number	Publication Date	Country	Class / Subclass	Translation Yes No	
	1,066,931	4/26/67	Great Britain	G 07c		No

Examiner 	Date Considered 9/86
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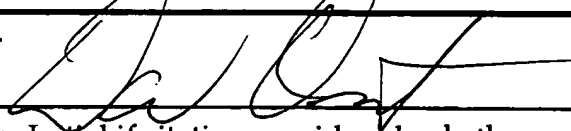
Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Glover, S. "Automatic Switching at the Edmonton Television Studios," <u>SMPTE Journal</u> , November 1966, Vol. 75, pp. 1089-1092.
	Barlow, M.W.S., "The Remote Control of Multiplexed Telecine Chains," <u>SMPTE Journal</u> , April 1971, Vol. 80, pp. 270-275.
	Campbell, Keith D., "An Automated Video-Tape Editing System," <u>Journal of the SMPTE</u> , March 1970, Vol. 79, pp. 191-194.
	Bonney, R.B. et al., "A Proposed Standard Time and Control Code for Video-Tape Editing," <u>Journal of the SMPTE</u> , March 1970, Vol. 79, pp. 186-190.
	Barlow, M., Letter to the Editor, "Re: Coding and Packaging Film for Broadcasting," <u>Journal of the SMPTE</u> , October 1969, Vol. 78, p. 889.
	Barlow, M., Letter to the Editor, "Re: Automation of Telecine Equipment," <u>Journal of the SMPTE</u> , April 1970, Vol. 79, pp. 345-346.
	Matley, J. Brian, "A Digital Framestore Synchronizer," <u>SMPTE Journal</u> , June 1976, Vol. 85, pp. 385-388.
	Connolly, W.G. et al., "The Electronic Still Store: A Digital System for the Storage and Display of Still Pictures," <u>SMPTE Journal</u> , August 1976, Vol. 85, pp. 609-613.
	Sadashige, K., "Overview of Time-Base Correction Techniques and Their Applications," <u>SMPTE Journal</u> , October 1976, Vol. 85, pp. 787-791.
	Siocos, C.A., "Satellite Technical and Operational Committee - Television (STOC-TV) Guidelines for Waveform Graticules," <u>SMPTE Journal</u> , November 1976, Vol. 85, pp. 878-879.
Y	"Index to Subjects - January-December 1976 • Volume 85," 1976 Index to SMPTE Journal, <u>SMPTE Journal</u> , Vol. 85, pp. I-5 to I-13, I-15.
Examiner 	Date Considered 9/06
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Other Documents

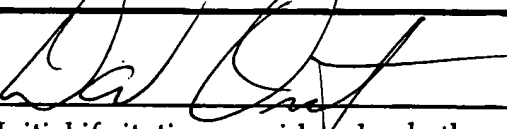
Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Rodgers, Richard W., "Design Considerations for a Transmission and Distribution System for SMPTE Time-Code Signals," <u>SMPTE Journal</u> , February 1977, Vol. 86, pp. 69-70.
	Allan, J.J., III, et al., "A Computer-Controlled Super-8 Projector," <u>SMPTE Journal</u> , July 1977, Vol. 86, pp. 488-489.
	"Index to Subjects - January-December 1977 • Volume 86," 1977 Index to SMPTE Journal, <u>SMPTE Journal</u> , Vol. 86, pp. I-5 to I-14.
	Hamalainen, K.J., "Videotape Editing Systems Using Microprocessors," <u>SMPTE Journal</u> , June 1978, Vol. 87, pp. 379-382.
	McCoy, Reginald F.H., "A New Digital Video Special-Effects Equipment," <u>SMPTE Journal</u> , January 1978, Vol. 87, pp. 20-23.
	Leonard, Eugene, "Considerations Regarding the Use of Digital Data to Generate Video Backgrounds," <u>SMPTE Journal</u> , August 1978, Vol. 87, pp. 499-504.
	Swetland, George R., "Applying the SMPTE Time and Control Code to Television Audio Post Production," <u>SMPTE Journal</u> , August 1978, Vol. 87, pp. 508-512.
	Moore, J.K., et al., "A Recent Innovation in Digital Special Effects, The CBS 'Action Track' System," <u>SMPTE Journal</u> , October 1978, Vol. 87, pp. 673-676.
	Connolly, William G., "Videotape Program Production at CBS Studio Center," <u>SMPTE Journal</u> , November 1978, Vol. 87, pp. 761-763.
	Nicholls, William C., "A New Edit Room Using One-Inch Continuous-Field Helical VTRs," <u>SMPTE Journal</u> , November 1978, Vol. 87, pp. 764-766.
✓	"Index to Volume 87 January-December 1978," <u>SMPTE Journal</u> , Part II to January 1979 <u>SMPTE Journal</u> , pp. I-1, I-4 to I-14.

Examiner 	Date Considered 9/06
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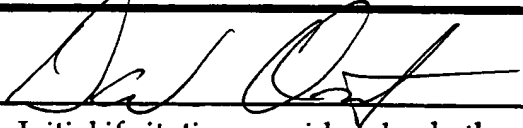
Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Wetmore, R. Evans, "System Performance Objectives and Acceptance Testing of the Public Television Satellite Interconnection System," <u>SMPTE Journal</u> , February 1979, Vol. 88, pp. 101-111.
	Bates, George W., "Cut/Lap: A New Method for Programmable Fades and Soft Edit Transitions Using a Single Source VTR," <u>SMPTE Journal</u> , March 1979, Vol. 88, pp. 160-161.
	Douglas, W. Gordon, "PBS Satellite Interconnection Technical Operations and Maintenance," <u>SMPTE Journal</u> , March 1979, Vol. 88, pp. 162-163.
	Oliphant, Andrew et al., "A Digital Telecine Processing Channel," <u>SMPTE Journal</u> , July 1979, Vol. 88, pp. 474-483.
	Bates, George W. et al., "Time Code Error Correction Utilizing a Microprocessor," <u>SMPTE Journal</u> , October 1979, Vol. 88, pp. 712-715.
	Geise, Heinz-Dieter, "The Use of Microcomputers and Microprocessors in Modern VTR Control," <u>SMPTE Journal</u> , December 1979, Vol. 88, pp. 831-834.
	"Index to Subjects - January-December 1979 • Volume 88," 1979 Index to SMPTE Journal, <u>SMPTE Journal</u> , Vol. 88, pp. I-4 to I-10.
	"Advanced Transmission Techniques," <u>SMPTE Journal</u> , Report on the 121st Technical Conference, January 1980, Vol. 89, pp. 31-32.
	"Anderson: Progress Committee Report for 1979 - Television," <u>SMPTE Journal</u> , May 1980, Vol. 89, pp. 324-328.
	<u>SMPTE Journal</u> , May 1980, Vol. 89, p. 391, no title.
✓	"The TCR-119 Reader," Gray Engineering Laboratories, <u>SMPTE Journal</u> , May 1980, Vol. 89, p. 438, (advertisement).

Examiner 	Date Considered 9/86
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



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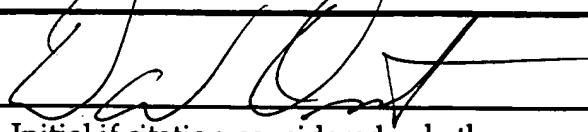
Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Hopkins, Robert S., Jr., "Report of the Committee on New Technology," <u>SMPTE Journal</u> , June 1980, Vol. 89, pp. 449-450.
	Limb, J.O. et al., "An Interframe Coding Technique for Broadcast Television," <u>SMPTE Journal</u> , June 1980, Vol. 89, p. 451.
	"Preliminary List of Papers," <u>SMPTE Journal</u> , September 1980, Vol. 89, p. 677.
	Davis, John T., "Automation of a Production Switching System," <u>SMPTE Journal</u> , October 1980, Vol. 89, pp. 725-727.
	"Video Tape Recording Glossary," <u>SMPTE Journal</u> , October 1980, Vol. 89, p. 733.
	Advertisement, "CTVM 3 series of Barco master control color monitors", "Barco TV Modulator, Model VSBM 1/S", "VICMACS Type 1724 Vertical Interval Machine Control System", "Videotape Editing Controllers by US JVC Corp., RM-70U, RM-82U, RM-88U", <u>SMPTE Journal</u> , October 1980, Vol. 89, p. 820 et seq.
	Ciciora, Walter, "Teletext Systems: Considering the Prospective User," <u>SMPTE Journal</u> , November 1980, Vol. 89, pp. 846-849.
	Hathaway, R.A. et al., "Development and Design of the Ampex Auto Scan Tracking (AST) System," <u>SMPTE Journal</u> , December 1980, Vol. 89, p. 931.
	Connor, Denis J., "Network Distribution of Digital Television Signals," <u>SMPTE Journal</u> , December 1980, Vol. 89, pp. 935-938.
	"Index to Subjects - January-December 1980 • Volume 89," 1980 Index to SMPTE Journal, <u>SMPTE Journal</u> , pp. I-5 to I-11.
	"Index to SMPTE-Sponsored American National Standards, Society Recommended Practices, and Engineering Committee Recommendations," 1980 Index to SMPTE Journal, <u>SMPTE Journal</u> , pp. I-15 to I-20.
Examiner	
	Date Considered 9/06
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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Other Documents


Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Table of Contents, <u>SMPTE Journal</u> , February 1981, Vol. 90, Number 2, 1 page.
	Table of Contents, <u>SMPTE Journal</u> , March 1981, Vol. 90, Number 3, 1 page.
	Table of Contents, <u>SMPTE Journal</u> , April 1981, Vol. 90, Number 4, 1 page.
	Table of Contents, <u>SMPTE Journal</u> , May 1981, Vol. 90, Number 5, 1 page.
	"Television," <u>SMPTE Journal</u> , May 1981, pp. 375-379.
	Table of Contents, <u>SMPTE Journal</u> , January 1981, Vol. 90, Number 1, 1 page.
	Table of Contents, <u>SMPTE Journal</u> , June 1981, Vol. 90, Number 6, 1 page.
	Table of Contents, <u>SMPTE Journal</u> , July 1981, Vol. 90, Number 7, 1 page.
	Table of Contents, <u>SMPTE Journal</u> , August 1981, Vol. 90, Number 8, 1 page.
	"American National Standard" "time and control code for video and audio tape for 525-line/60-field television systems," <u>SMPTE Journal</u> , August 1981, pp. 716-717.
	Table of Contents, <u>SMPTE Journal</u> , September 1981, Vol. 90, Number 9, 1 page.
	"Proposed SMPTE Recommended Practice" "Vertical Interval Time and Control Code for Video Tape for 525-Line/60-Field Television Systems," <u>SMPTE Journal</u> , September 1981, pp. 800-801.
	Table of Contents, <u>SMPTE Journal</u> , October 1981, Vol. 90, Number 10, 1 page.
	Kaufman, Paul A. et al., "The Du Art Frame Count Cueing System," <u>SMPTE Journal</u> , October 1981, pp. 979-981.

Examiner 	Date Considered 9/86
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Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.355	Serial No. 08/487,526
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Filing Date 7-Jun-95	Group 2602

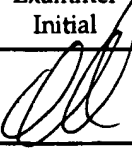

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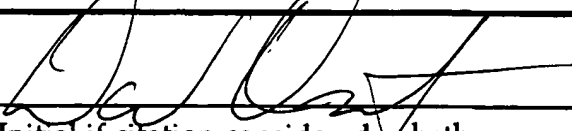
Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	"American National Standard" "dimensions of video, audio and tracking control records on 2-in video magnetic tape quadruplex recorded at 15 and 7.5 in/s," <u>SMPTE Journal</u> , October 1981, pp. 988-989.
	Table of Contents, <u>SMPTE Journal</u> , November 1981, Vol. 90, Number 11, 1 page.
	Table of Contents, <u>SMPTE Journal</u> , December 1981, Vol. 90, Number 12, 1 page.
	Powers, Kerns H., "A Hierarchy of Digital Standards for Teleproduction in the Year 2001," <u>SMPTE Journal</u> , December 1981, pp. 1150-1151.
	"Application of Direct Broadcast Satellite Corporation for a Direct Broadcast Satellite System," Before the Federal Communications Commission, Washington, D.C., Gen. Docket No. 80-603, July 16, 1981.
	Taylor, John P., "Comsat bid to FCC for DBS authorization: Questions of finances, 'localism,' monopoly," <u>Television/Radio Age</u> , May 4, 1981, pp. 42-44 and 80-81.
	Taylor, John P., "Fourteen DBS authorization applications to FCC differ greatly in both structure and operations," <u>Television/Radio Age</u> , Oct. 5, 1981, pp. 40-42 and 116-119.
	Taylor, John P., "Comsat bid to FCC for DBS authorization: Is direct broadcasting the wave of the future?," <u>Television/Radio Age</u> , Mar. 23, 1981, pp. A-22-24 and A-26 and A-28-31.
	"SMPTE Journal Five-Year Index 1971-1975," <u>SMPTE Journal</u> .
	"SMPTE Journal Five-Year Index 1976-1980," <u>SMPTE Journal</u> .
	"Window on the World" "The Home Information Revolution," <u>Business Week</u> , Jun. 29, 1981, pp. 74-83.

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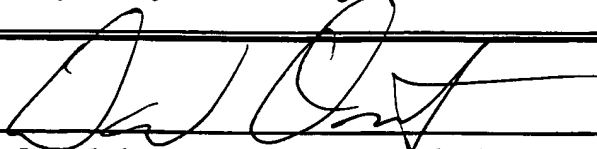
Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	"Everything you've always wanted to know about TV RATINGS," A.C. Nielsen Company, brochure, 1978.
	"Management With The Nielsen Retail Index System," A.C. Nielsen Company, 1980.
	Wilson, Donald H., "A Process For Creating A National Legal Computer Research Service In The United States," remarks at the conference on <u>World Peace Through World Law</u> and <u>World Assembly of Judges</u> , Belgrade, Yugoslavia, Jul. 23, 1971.
	"Advanced Minicomputer-based Systems for Banking and Financial Institutions," Money Management Systems, Incorporated, brochure, 1980, 9 pages.
	New York Stock Exchange, Inc., Computer Input Services, Schedule of Monthly Charges, Aug. 1, 1981, 1 page.
	"How to increase training productivity through VIDEODISC and MICROCOMPUTER systems," seminar brochure, 1981.
	O'Donnell, John et al., "Videodisc Program Production Manual," SONY, 1981.
	"CAMP," Arbitron Cable, The Arbitron Company, product brochure, May 1980, 8 pages.
	Ferretti, Fred, "For Major-League Addicts, A Way to Win a Pennant," <u>The New York Times</u> , Jul. 8, 1980, 1 page.
	Christopher, Maurine, "BAR cable service set," <u>Advertising Age</u> , Sep. 21, 1981, pp. 68 & 72.
	"In this corner, DIGISONICS!", <u>Media Decisions</u> , June 1968, 5 pages.

Examiner 	Date Considered 9/06
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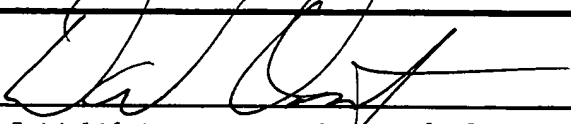
Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	"Did the ad run?", <u>Media Decisions</u> , July 1969, pp. 44 et seq.
	"DIGISONICS TV Monitor System Finds Defenders," <u>Advertising Age</u> , Dec. 8, 1969, 1 page.
	Dougherty, Philip, "Gathering Intelligence For Profit," newspaper article, 1981, p. D7.
	"Vidbits," <u>Advertising Age</u> , Sep. 21, 1981, p. 70.
	"Measuring The Cable Audience," Ogilvy & Mather, Advertising, 1980, pp. H1-H8.
	Cooney, John E., "Counting Cable's Gold Coins," <u>View</u> , Sep., 1981, 4 pages.
	"Cable TV Advertising," Paul Kogan Associates, Inc., No. 22, Feb. 18, 1981, 6 pages.
	"IDC begins monitoring," At Deadline, <u>Broadcasting</u> , Sep. 14, 1970, p. 9.
	"Contraband code," Closed Circuit, <u>Broadcasting</u> , Sep. 28, 1970, 1 page.
	"Listeners," Closed Circuit, <u>Broadcasting</u> , 1 page.
	"Digisonics violated standards, says BAR," <u>Broadcasting</u> , Oct. 5, 1970, pp. 21-23.
	"Talent pay code put off," At Deadline, <u>Broadcasting</u> , Nov. 9, 1970, p. 9.
	"Digisonics' Aim Is Info Bank, Not Just Proof of Performance," <u>Advertising Age</u> , Nov. 9, 1970, 4 pages.
	"Digisonics pushes its coding method," <u>Broadcasting</u> , Dec. 7, 1970, p. 37.
Examiner 	Date Considered <u>9/06</u>
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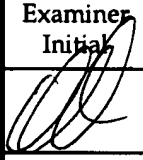

Other Documents


Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	"No Digisonics friends show in comments," <u>Broadcasting</u> , May 24, 1971, p. 62.
	"Digisonics' dilemma," <u>Media Decisions</u> , June 1971, 6 pages.
	"IDC encoding system still alive at FCC," <u>Broadcasting</u> , Sep. 27, 1971, p. 31.
	Howard, Niles A., "IDC drops tv monitoring; mulls revival," reprint from <u>Advertising Age</u> , Feb. 3, 1975, 1 page.
	Russell, R.T. "Teletext remote control," part 1, <u>Wireless World</u> , April 1979, 4 pages.
	Russell, R.T. "Teletext remote control", part 2, <u>Wireless World</u> , May 1979, pp. 83-86.
	Pandey, K. "Second generation teletext and viewdata decoders," <u>Proceedings IEE</u> , Vol. 126, December 1979, pp. 1367-1373.
	Hedger, J. et al. "Telesoftware: adding intelligence to teletext," <u>Proceedings IEE</u> , Vol. 126, December 1979, pp. 1412-1416
	Sigel, Efrem et al. <u>Videotext: The Coming Revolution in Home / Office Information Retrieval</u> . (White Plains, NY: Knowledge Industry Publications, Inc., 1980), pp. 6, 7, 13, 28, 33, 34, 36, 37.
	Roizen, Joseph. "Teletext in the USA," <u>SMPTE Journal</u> , Vol. 90, July 1981, pp. 602-610.
	Money, Steve A. <u>Teletext and Viewdata</u> (London: Butterworth & Co., Ltd., 1981), preface, pp. 1-145, glossary and index.
	Risher, Carol A. "Electronic Media and the Publishers, Part 1: Teletext," <u>Videodisc Videotex</u> , Vol. 1, No. 3, Summer 1981, pp. 162-167.

Examiner 	Date Considered 9/86
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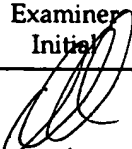

Other Documents

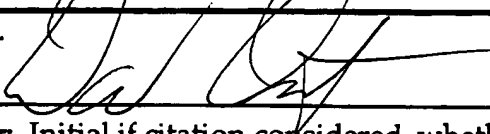
Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Chew, J.R. "CEEFAX: evolution and potential," BBC Research Department Report No. BBC RD 1977/26, August 1977, table of contents, pp. 1-14 and appendix.
	Hedger, John. "Telesoftware: Home computing via teletext," <u>Wireless World</u> , November 1978, pp. 61-64.
	Anon. <u>VIDEOTEX '81</u> , International Conference & Exhibition, May 20-22, 1981, Toronto, Canada (Northwood Hills, UK: Online Conferences, Ltd; 1981), pp. 78-84.
	Winsbury, Rex, ed. <u>Viewdata in Action: A Comparative Study of Prestel</u> (London: McGraw-Hill, Ltd., 1981), pp. 10-12, 31, 35, 36, 57-61, 102, 103, 109, 202-204, 211-219.
	"Colloquium on Broadcast and Wired Teletext Systems - Ceefax, Oracle, Viewdata," Tuesday, 13 January 1976, IEE Electronics Division, Professional Group E14 (Television and Sound), Digest No. 1976/3.
	Anon. "Updating databases by off-peak TV," <u>New Scientist</u> , 21 October 1976, p. 162.
	Marti, Bernard. "New Ancillary Services Using a Television Channel," <u>SMPTE Journal</u> , Vol. 86, November 1977, pp. 815, 817, 818.
	Biggs, A.J. et al. "Broadcast data in television," <u>GEC Journal of Science and Technology</u> , Vol. 41, No. 4, 1974, pp. 117-124.
	Heuer, D.A. "A Microprocessor Controlled Memory Tuning System," <u>Consumer Electronics</u> , Vol. CE-25, No. 4, August 1979, pp. 677-683.
	Marti, Bernard et al. "ANTIOPE, service de télétexte," journal unk., pp. 17-22.
	Lipoff, Stuart J. "Mass Market Potential for Home Terminals," <u>Consumer Electronics</u> , vol. unk., pp. 169-184.

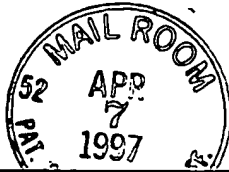
Examiner 	Date Considered 9/08
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	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date 7-Jun-95	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Crowther, G.O., "Adaptation of U.K. Teletext System for 525/60 Operation," <u>IEEE Transactions on Consumer Electronics</u> , Vol. CE-26, Aug. 1980, pp. 587-599.
	Gosch, John, "Code accompanying TV program turns on video cassette recorder in proposed scheme," <u>Electronics</u> , Feb. 10, 1981, pp. 80-82.
	Somers, Eric, "Appropriate Technology for Text Broadcasting," <u>Viewdata and Videotext, 1980-81: A Worldwide Report</u> , Transcript of viewdata '80, first world conference on viewdata, videotex, and teletext, Knowledge Industry Publications, Inc., White Plains, New York, Copyright 1980 by Online Conferences, Ltd., pp. 499-514.
	Dages, Charles L., "Playcable: A Technological Alternative for Information Services," <u>IEEE Transactions on Consumer Electronics</u> , Vol. CE-26, Aug. 1980, pp. 482-486.
	Norris, Bryan L. et al., "Teletext Data Decoding," <u>IEEE Transactions on Consumer Electronics</u> , Aug. 1976, pp. 248-253.
	Kokado, N. et al., "A Programmable TV Receiver," <u>IEEE Transactions on Consumer Electronics</u> , Vol. 22, No. 1, Feb. 1976, pp. 69-83.

Examiner 	Date Considered 9/86
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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT CITATION FORM	Attorney Docket No. 5634.355	Serial No. 08/487,526
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Filing Date 7-Jun-95	Group Art Unit 2602


UNITED STATES PATENT DOCUMENTS

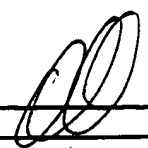
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✓	27,810	November 20, 1973	Buehrle	325/321	
	33,189	September 3, 1861	Dougal		
	2,418,127	April 1, 1947	Labin	178/44	
	2,563,448	August 7, 1951	Aram	178/5.1	
	2,731,197	January 17, 1956	Parker et al.	235/60	
	3,071,649	January 1, 1963	Goodall	179/1.5	
	3,107,274	October 15, 1963	Roschke	178/5.1	
	3,133,986	May 19, 1964	Morris et al.	178/5.1	
	3,251,051	May 10, 1966	Harries	340/345	
	3,470,309	September 30, 1969	Nyberg	178/5.1	
	3,478,166	November 11, 1969	Reiter et al.	178/5.1	
	3,526,843	September 1, 1970	Sanville	329/104	
	3,546,684	December 8, 1970	Maxwell et al.	340/172.5	
	3,639,686	February 1, 1972	Walker et al.	178/5.8R	
	3,649,749	March 14, 1972	Gibson	178/5.6	
	3,651,261	March 21, 1972	Guanella	178/22	
	3,666,888	May 30, 1972	Sekimoto	178/69.5 TV	
	3,723,637	March 27, 1973	Fujio et al.	178/5.2R	
	3,746,799	July 17, 1973	Gentges	178/22	
	3,755,624	August 28, 1973	Sekimoto	178/69.5 TV	
	3,769,579	October 30, 1973	Harney	325/31	
	3,773,979	November 20, 1973	Kirk, Jr. et al.	179/15 FD	
	3,777,053	December 4, 1973	Wittig et al.	178/5.1	
	3,789,131	January 29, 1974	Harney	178/5.1	
	3,794,922	February 26, 1974	Osborn et al.	325/53	
	3,795,763	March 5, 1974	Golding et al.	178/5.6	
	3,813,482	May 28, 1974	Blonder	178/5.1	
	3,826,863	July 30, 1974	Johnson	178/5.1	
	3,859,596	January 7, 1975	Jennery et al.	325/31	
	3,882,289	May 6, 1975	Walding et al.	200/11 D	
	3,885,089	May 20, 1975	Callais et al.	178/5.1	

3,889,054	June 10, 1975	Nagel et al.	178/6.8
3,894,177	July 8, 1975	Howell et al.	178/5.6
3,896,262	July 22, 1975	Hudspeth et al.	178/5.1
3,896,266	July 22, 1975	Waterbury	179/1 SB
3,916,091	October 28, 1975	Kirk, Jr. et al.	178/5.1
3,924,059	December 2, 1975	Horowitz	178/5.1
3,950,618	April 13, 1976	Bloisi	179/2 AS
3,958,081	May 18, 1976	Ehrsam et al.	178/22
3,975,585	August 17, 1976	Kirk, Jr. et al.	178/5.1
3,990,012	November 2, 1976	Karnes	325/308
3,996,586	December 7, 1976	Dillon et al.	340/347 DD
4,004,085	January 18, 1977	Makino et al.	340/324
4,008,369	February 15, 1977	Theurer et al.	358/84
4,013,875	March 22, 1977	McGlynn	235/150.2
4,015,286	March 29, 1977	Russell	358/13
4,017,697	April 12, 1977	Larson	200/5 A
4,019,201	April 19, 1977	Hartung et al.	358/124
4,020,419	April 26, 1977	Caspari et al.	325/421
4,024,574	May 17, 1977	Nieson	358/117
4,024,575	May 7, 1977	Harney et al.	358/118
4,027,267	May 31, 1977	Larsen	329/106
4,027,331	May 31, 1977	Nicol	358/135
4,042,958	August 16, 1977	Saylor et al.	358/141
4,044,376	August 23, 1977	Porter	358/84
4,045,814	August 30, 1977	Hartung et al.	358/124
4,054,911	October 18, 1977	Fletcher et al.	358/141
4,064,490	December 20, 1977	Nagel	364/2000
4,070,693	January 24, 1978	Shutterly	358/123
4,075,660	February 21, 1978	Horowitz	358/124
4,079,419	March 14, 1978	Seigle et al.	358/193
4,081,754	March 28, 1978	Jackson	325/396
4,081,832	March 28, 1978	Sherman	
4,086,434	April 25, 1978	Bocchi	79/2 AM
4,088,958	May 9, 1978	Suzuki et al.	325/396
4,091,417	May 23, 1978	Nieson	358/117
4,095,258	June 13, 1978	Sperber	358/120
4,096,542	June 20, 1978	Pappas et al.	361/196
4,104,681	August 1, 1978	Saylor et al.	358/141
4,107,734	August 15, 1978	Percy et al.	358/84
4,107,735	August 15, 1978	Frobach	358/84
4,112,317	September 5, 1978	Everswick	307/308
4,112,383	September 5, 1978	Burgert	329/50
4,114,841	September 19, 1978	Muhlfelder et al.	244/166
4,120,003	October 10, 1978	Mitchell et al.	358/142




	4,124,887	November 7, 1978	Johnson et al.	364/107	
	4,126,762	November 21, 1978	Martin et al.	179/2A	
	4,135,213	January 16, 1979	Wintfeld et al.	358/142	
	4,142,156	February 27, 1979	Freund	325/309	
	4,145,717	March 20, 1979	Guif et al.	358/121	
	4,148,066	April 3, 1979	Saylor	358/127	
	4,156,253	May 22, 1979	Steudel	358/11	
	4,156,931	May 29, 1979	Adelman et al.	364/900	
	4,163,252	July 31, 1979	Mistry et al.	358/118	
	4,180,709	December 25, 1979	Cosgrove et al.	179/2 AM	
	4,199,656	April 22, 1980	Saylor	178/66.1	
	4,199,781	April 22, 1980	Doumit	358/83	
	4,199,809	April 22, 1980	Pasahow et al.	364/200	
	4,207,524	June 10, 1980	Purchase	375/22	
	4,214,273	July 22, 1980	Brown	358/188	
	4,215,366/ 31,735	November 13, 1984	Davidson	358/124	
	4,216,497	August 5, 1980	Ishman et al.	358/84	
	4,222,068	September 9, 1980	Thompson	358/120	
	4,225,884	September 30, 1980	Block et al.	358/122	
	4,245,246	January 13, 1981	Cheung	358/124	
	4,246,611	January 20, 1981	Davies	358/194	
	4,247,947	January 27, 1981	Miyamoto	455/38	
	4,250,521	February 10, 1981	Wright	358/8	
	4,258,386	March 24, 1981	Cheung	358/84	
	4,266,243	May 5, 1981	Shutterly	358/121	
	4,272,784	June 9, 1981	Saito et al.	358/127	
	4,273,962	June 16, 1981	Wolfe	179/7.1R	
	4,292,650	September 29, 1981	Hendrickson	358/123	
	4,295,155	October 13, 1981	Jarger et al.	358/12	
	4,301,542	November 17, 1981	Weintraub et al.	455/353	
	4,305,101	December 8, 1991	Yarbrough et al.	360/69	
	4,310,854	January 12, 1982	Baer et al.	358/143	
	4,316,217	February 16, 1982	Rifken	358/86	
	4,318,047	March 2, 1982	Dawson	328/112	
	4,323,921	April 6, 1982	Guillou	358/114	
	4,323,922	April 6, 1982	den Toonder et al.	358/117	
	4,329,711	May 11, 1982	Cheung	358/114	
	4,335,426	June 15, 1982	Maxwell et al.	364/200	
	4,340,906	July 20, 1982	den Tooder et al.	358/124	
	4,341,925	July 27, 1982	Frosch et al.	178/22.17	
	4,343,042	August 3, 1982	Schrock et al.	455/5	
	4,348,696	September 7, 1982	Bejer	358/188	
	4,351,028	September 21, 1982	Peddie et al.	364/483	
	4,354,201	October 12, 1982	Sechet et al.	358/122	




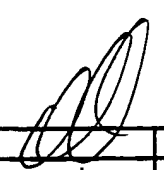


	4,355,415	October 19, 1982	George et al.	455/185	
	4,358,672	November 9, 1982	Hyatt et al.	235/380	
	4,360,881	November 23, 1982	Martinson	364/493	
	4,361,848	November 30, 1982	Poignet et al.	358/1	
	4,361,851	November 30, 1982	Asip et al.	358/84	
	4,361,903	November 30, 1982	Ohta	455/2	
	4,365,267	December 21, 1982	Tsuda	358/84	
	4,378,470	March 29, 1983	Murto et al.	179/2 C	
	4,382,256	May 5, 1983	Nagata	340/825.44	
	4,385,384	May 24, 1983	Rosbury et al.	371/22	
	4,386,436	May 31, 1983	Kocher et al.	455/151	
	4,388,643	June 14, 1983	Aminetzah	358/123	
	4,388,644	June 14, 1983	Ishman et al.	358/84	
	4,390,898	June 28, 1983	Bond et al.	358/1199	
	4,390,901	June 28, 1983	Keiser et al.	358/147	
	4,392,135	July 5, 1983	Ohyagi	340/825.44	
	4,393,277	July 12, 1983	Besen et al.	179/2 A	
	4,408,345	October 4, 1983	Yashiro et al.	455/3	
	4,411,017	October 18, 1983	Talbot	455/26	
	4,414,621	November 8, 1983	Bown et al.	364/200	
	4,415,771	November 15, 1983	Martinez	179/5R	
	4,418,425	November 29, 1983	Fennel et al	455/27	
	4,424,533	January 3, 1984	Rzeszewski	358/167	
	4,425,578	January 10, 1984	Haselwood et al.	358/84	
	4,425,579	January 10, 1984	Merrell	358/86	
	4,425,664	January 10, 1984	Sherman et al.	375/8	
	4,427,968	January 24, 1984	York	340/310	
	4,429,385	January 31, 1984	Cichelli et al.	370/92	
	4,430,731	February 7, 1984	Gimple et al.	370/30	
	4,434,438	February 28, 1984	Rzeszewski	358/167	
	4,439,785	March 27, 1984	Leonard	358/120	
	4,450,481	May 22, 1984	Dickinson	358/114	
	4,450,531	May 22, 1984	Kenyon et al.	364/604	
	4,454,538	June 12, 1984	Toriumi	358/86	
	4,468,701	August 28, 1984	Burcher et al.	358/181	
	4,471,352	September 11, 1984	Souliard et al.	340/825.44	
	4,473,068	September 25, 1984	Oh	128/92D	
	4,475,123	October 2, 1984	Dumbauld et al.	358/114	
	4,476,535	October 9, 1984	Loshing et al.	364/480	
	4,484,218	November 20, 1984	Boland et al.	358/86	
	4,484,328	November 20, 1984	Schlaflly	370/85	
	4,488,179	December 11, 1984	Kruger et al.	358/181	
	4,489,220	December 18, 1984	Oliver	179/2 AM	
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


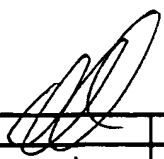
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	4,496,975	January 29, 1985	Noirel	358/147	
	4,504,831	March 12, 1985	Jahr et al.	340/870.03	
	4,506,387	March 9, 1985	Walter	455/612	
	4,510,623	April 9, 1985	Bonneau et al.	455/181	
	4,528,589	July 9, 1985	Block et al.	358/122	
	4,531,020	July 23, 1985	Wechselberger et al.	178/22.08	
	4,531,021	July 23, 1985	Bluestein et al.	178/22.08	
	4,540,849	September 10, 1985	Oliver	179/2 AM	
	4,543,616	September 24, 1985	Brooks	358/335	
	4,547,804	October 15, 1985	Greenberg	358/142	
	4,554,584	November 19, 1985	Elam et al.	358/165	
	4,558,464	December 10, 1985	O'Brien, Jr.	455/4	
	4,563,702	January 7, 1986	Heller et al.	358/119	
	4,566,030	January 21, 1986	Nickerson et al.	358/84	
	4,570,930	February 18, 1986	Matheson	273/1 E	
	4,578,536	March 25, 1986	Oliver et al.	179/2 AM	
	4,578,718	March 25, 1986	Parker et al.	360/10.3	
	4,592,546	June 3, 1986	Fascenda et al.	273/1 E	
	4,592,546	June 3, 1986	Fascenda et al.	273/1 E	
	4,594,609	July 10, 1986	Romao et al.	358/119	
	4,595,952	June 17, 1986	Filliman	358/47	
	4,600,918	July 15, 1986	Belisomi et al.	340/711	
	4,600,921	July 15, 1986	Thomas	340/825.31	
	4,605,964	August 12, 1986	Chard	358/147	
	4,611,227	September 9, 1986	Brockhurst et al.	358/147	
	4,613,901	September 23, 1986	Gilhousen et al.	358/122	
	4,621,259	November 4, 1986	Schepers et al.	340/707	
	4,621,285	November 4, 1986	Schilling et al.	358/120	
	4,623,920	November 18, 1986	Dufresne et al.	358/122	
	4,626,892	December 2, 1986	Nortrup et al.	358/21 R	
	4,633,297	December 30, 1986	Skerlos et al.	358/22	
	4,636,858	January 13, 1987	Hague et al.	358/147	
	4,638,357	January 20, 1987	Heimbach	358/121	
	4,639,779	January 27, 1987	Greenberg	358/142	
	4,646,145	February 24, 1987	Percy et al.	358/84	
	4,649,533	March 10, 1987	Chorley et al.	370/58	
	4,658,290	April 14, 1987	McKenna	358/84	
	4,677,685	June 30, 1987	Kurisu	455/4	
	4,694,490	September 15, 1987	Harvey et al.	380/20	
	4,704,725	November 3, 1987	Harvey et al.	380/48	
	4,706,121	November 10, 1987	Young	358/142	
	4,710,919	December 1, 1987	Oliver et al.	370/96	
	4,710,955	December 1, 1987	Kauffman	380/10	






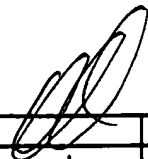
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	4,723,302	February 2, 1988	Fulmer et al.	455/2	
	4,736,422	April 5, 1988	Mason	380/120	
	4,744,080	May 10, 1988	Brennand et al.	280/21	
	4,751,732	June 14, 1988	Kamitake	380/20	
	4,754,326	June 28, 1988	Kram et al.	364/900	
	4,768,144	August 30, 1988	Winter et al.	364/200	
	4,768,229	August 30, 1988	Benjamin et al.	380/20	
	4,782,401	November 1, 1988	Faerber et al.	358/335	
	4,785,420	November 15, 1988	Little	364/513.5	
	4,796,181	January 3, 1989	Wiedmer	364/406	
	4,803,725	February 7, 1989	Horne et al.	380/44	
	4,805,020	February 14, 1989	Greenberg	358/147	
	4,807,031	February 21, 1989	Broughton et al.	358/142	
	4,809,274	February 28, 1989	Walker et al.	371/37	
	4,816,904	March 28, 1989	McKenna et al.	358/84	
	4,837,799	June 6, 1989	Prohs et al.	379/224	
	4,839,917	June 13, 1989	Oliver	379/45	
	4,841,386	June 20, 1989	Schiering	360/69	
	4,843,482	June 27, 1989	Hegendorfer	358/335	
	4,849,817	July 18, 1989	Short	358/142	
	4,855,842	August 8, 1989	Hayes et al.	358/342	
	4,857,999	August 15, 1989	Welsh	358/84	
	4,862,268	August 9, 1989	Campbell et al.	358/141	
	4,864,615	September 5, 1989	Bennett et al.	380/21	
	4,876,736	October 24, 1989	Kiewit	455/2	
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	4,885,579	December 5, 1989	Sandbank	340/825.72	
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	4,888,638	December 19, 1989	Bohn	358/84	
	4,888,796	December 19, 1989	Olivo, Jr.	379/101	
	4,890,320	December 26, 1989	Monslow et al.	380/10	
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	4,897,867	January 30, 1990	Foster et al.	379/94	
	4,907,260	March 6, 1990	Prohs et al.	379/224	
	4,907,273	March 6, 1990	Wiedemer	380/16	
	4,908,707	March 13, 1990	Kinghorn	358/147	
	4,908,713	March 13, 1990	Levine	358/335	
	4,908,834	March 13, 1990	Wiedemer	380/5	
	4,908,845	March 13, 1990	Little	379/51	
	4,912,552	March 27, 1990	Allison, III et al	358/84	
	4,914,517	April 3, 1990	Duffield	358/191.1	
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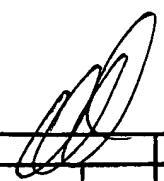
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	4,945,412	July 31, 1990	Kramer	358/142	
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	4,949,187	August 14, 1990	Cohen	358/335	
	4,954,899	September 4, 1990	Tanabe et al.	358/191.1	
	4,959,720	September 25, 1990	Duffield et al.	358/191.1	
	4,963,994	October 16, 1990	Levine	358/335	
	4,963,995	October 16, 1990	Lang	358/335	
	4,965,825	October 23, 1990	Harvey et al.	380/9	
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	4,989,104	January 29, 1991	Schulein et al.	360/72.1	
	4,991,011	February 5, 1991	Johnson et al.	358/141	
	4,991,025	February 5, 1991	Eigeldinger	358/310	
	4,993,003	February 12, 1991	Fechner et al.	368/47	
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	4,994,908	February 19, 1991	Kuban et al.	358/86	
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	5,001,554	March 19, 1991	Johnson et al.	358/86	
	5,002,491	March 26, 1991	Abrahamson et al.	434/322	
	5,003,384	March 26, 1991	Durden et al.	358/84	
	5,003,591	March 26, 1991	Kauffman et al.	380/10	
	5,010,459	April 23, 1991	Taylor et al.	362/85	
	5,012,510	April 30, 1991	Schaubs et al.	379/92	
	5,013,038	May 7, 1991	Luxenberg et al.	273/439	
	5,014,125	May 7, 1991	Pocock et al.	358/86	
	5,016,272	May 14, 1991	Stubbs et al.	380/5	
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	5,027,400	June 25, 1991	Baji et al.	380/20	
	5,029,207	July 2, 1991	Gammie	380/10	
	5,038,211	August 6, 1991	Hallenbeck	358/142	
	5,045,816	September 3, 1991	Bramhall et al.	332/105	
	5,045,947	September 3, 1991	Beery	358/192.1	
	5,047,867	September 10, 1991	Strubbe et al.	358/335	
	5,047,928	September 10, 1991	Wiedemer	364/406	
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


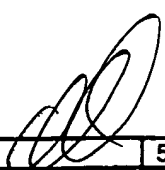
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	5,108,115	April 28, 1992	Berman et al.	273/439	
	5,109,414	April 28, 1992	Fechner et al.	368/47	
	5,111,401	May 5, 1992	Everett, Jr. et al.	364/424.02	
	5,113,496	May 12, 1992	McCalley et al.	395/200	
	5,120,076	June 9, 1992	Luxemberg et al.	273/439	
	5,124,942	June 23, 1992	Nielsen et al.	395/100	
	5,132,992	July 21, 1992	Yurt et al.	375/122	
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	5,142,677	August 25, 1992	Ehlig et al.	395/650	
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	5,144,664	September 1, 1992	Esseman et al.	380/20	
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	5,226,177	July 6, 1993	Nickerson	455/2	
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	5,247,575	September 21, 1993	Sprague et al.	380/9	
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	5,283,639	February 1, 1994	Esch et al.	348/6	
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	5,313,648	May 17, 1994	Ehlig et al.	395/800	
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	5,327,421	July 5, 1994	Hiller et al.	370/60.1	
	5,327,554	July 5, 1994	Palazzi III et al.	395/600	
	5,335,276	August 2, 1994	Thompson et al.	380/21	
	5,335,277	August 2, 1994	Harvey et al.	380/20	
	5,343,239	August 30, 1994	Lappington et al.	348/12	
	5,343,300	August 30, 1994	Henning	348/478	
	5,345,445	September 6, 1994	Hiller et al.	370/60.1	





	5,345,446	September 6, 1994	Hiller et al.	370/60.1	
	5,345,501	September 6, 1994	Shelton	379/89	
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	5,534,883	July 9, 1996	Koh	345/31	
	5,535,362	July 9, 1996	Ami et al.	395/474	
	5,548,338	August 20, 1996	Ellis et al.	348/473	
✓	5,552,833	September 3, 1996	Henmi et al	348/460	

* If Pertinent

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES NO	
J	0 020 242	December 10, 1980	European	G09G 1/16		X
	0 035 456	September 9, 1981	European	H05B 3/72		X
	0 046 108	February 17, 1982	European	H04N 5/76		X
	0 049 184	April 7, 1982	European	G09B 7/08		X
	0 055 167	June 30, 1982	European	G09G 1/16		X
	0 056 649	July 28, 1982	European	H04N 5/44	X	
	0 077 712	April 27, 1983	European	H04N 7/00		X
	0 078 185	May 4, 1983	European	H04N 7/00		X
	0 583 196 A1	February 16, 1994	European	H04N 7/173	X	
	1 565 319	April 16, 1980	Great Britain	C07D 231/12	X	
	1,189,612	June 25, 1985	Canada	Ho4n 7/08	X	
	1,216,977	June 8, 1983	Canada	H04M 11/00	X	
	1,396,981		United kingdom			
	1,523,307	August 31, 1978	Great Britain	H03K 5/08	X	
	1,543,502	April 14, 1979	United Kingdom	G08B9/00	X	
	1,582,563	January 14, 1981	United Kingdom	G08B9/00	X	
	1,584,111	February 4, 1981	United Kingdom	G08B9/00	X	
	2,051,527	January 14, 1981	Great Britain	G06F 3/153	X	
	2,067,379	July 22, 1981	Great Britain	H04L 1/24	X	
	2,090,504	July 7, 1982	Great Britain	H04N 3/16	X	
	2,103,455	February 16, 1983	Great Britain	H04N 1/00 7/12	X	
	2,496,376	June 18, 1982	France	H04N 7/00		X
	2,516,733	May 5, 1983	France	H04N 7/00		X
	2,823,175	November 29, 1979	German	G06F 3/12		X
	24 53 441	May 13, 1976	Germany	H04L 9/00		X
	DE 3039949	May 6, 1982	German	H04M 3/42		X
	DE 3112249	October 7, 1982	German	G09G 1/28		X
	80/02901	December 24, 1980	France	H04N 7/16		X
	857,862	January 4, 1961	United Kingdom	40 (1)	X	
	DE 3020787	December 12, 1981	Germany	H04N 7/08		X
	GB 2 081 948 A	February 24, 1982	United Kingdom	H04Q 9/00		
	WO80/00292	February 21, 1980	Japan	H04N9/16		X
	WO83/00789	March 3, 1983	Japan	H04N 7/08		X
	WO89/02682	March 23, 1989	Japan	H04K 7/00	X	

OTHER DOCUMENTS

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Hanas et al., "An Addressable Satellite Encryption System For Preventing Signal Piracy", November 1981, pp. 631-635.
	National Cable Television Association Executive Seminar Series, Videotex Services, October 1980, pp. 1-155.
	Kokado et al., "A Programmable TV Receiver", February 1976, pp. 69-82.
	J. Hedger et al., "Telesoftware-Value Added Teletext", August 1980, pp. 555-567.
	Marti, B., "The Concept Of A Universal "Teletext" June 1979, pp.1-11
	Article re: America's Talk-Back Television Experiment: Qube
	Article re: "Teletext-Applications in Electronic Publishing"
	Article re: A Description of the Broadcast Telidon System
	Article re: EPEOS--Automatic Program Recording System by G. Degoulet
	Article re: Teletext signals transmitted in UK...
	Article re: New services offered by a packet data broadcasting system
	Article re: Philips TV set indicates station tunign and color settings on screen
	Vincent, A. et al., "Telidon Teletest System Field Trias" (Abstract)
	Rzeszeewski, T., "A New Telletex Channel"
	Numaguchi, Y. et al., "Compatibility and Transmision Characteristics of Digital Signals Inserted in the Field-Blanking Interval of the Television Signal" (Abstract)
	Zimmerman, R. et al., Bildschirmtexsysteme (Abstract)
	Pilz, F., "Digital Codierte Uebertragungen von Text und Graphik in den Vertikal-anstastintervallen des Fernsehsignas" (Abstract)
	Pilz, F., "Uebertragung Insaitryliches Informationen, Insbesondere von Texten, In Ungenutryten Zeilen der Vertikal-Anstastlueke des Fernsehsignals" (Abstract)
	Numaguchi, Y., Wie man Stillstehende Bilder Uebertraegt. Ueberlick Ueber Teletext-, Fernseheinzelbild-Und Faksimile-Uebertragungsverfahren (Abstract)
	Transcript, Videotex, Viewdata, and Teletext: Viewdata '801 Online Conference on Videotex, Viewdata and Teletext, London. March 26k-28, 1980 (Abstract)
	Graf, P.H., "Antiope-Uebertragung fuer Breitbandige Videotex-Verteildienste", 1981
	Poubread, J.J., "Cryptage' du Son Pour la Televiser A Peague" 1981 (Abstract)
	Graf, P.H., "Das Videotex-System Antiope" 1980 (Abstract)
	Vardo, J.C., "Les Emetteurs de Television et la Diffusion de Donnees" 1980 (Abstract)
	Noirel, Y., "Constructin D'un Reseau de Diffusion de Donnees Par Paquets" 1979 (Abstract)
	Vardo, J.C., " Effet de Distorsions en Diffusion de Donnes. II. Resultats Theoriques" 1979 (Abstract)
	Baerfuss, C., "Experiences de Diffusion de Donnees dans un Canal de Television" 1979 (Abstract)
	Blineau, J., "Liasons Telex a Support Video Sur Des Circuits de Television Internationaux" 1979 (Abstract)
	Dublet, G., "Methodes Utilisees et Principaux Resultats Obtenus Lors D'Une Campagne de esure 'Didon' Dans la Refion Centre-est" 1978 (Abstract)
	Guinet, Y., "Etude Comparative des Systems de Teletexte en Radio-Diffusion. Quelques Avantages de la Diffusion des Donnees Par Paques Applique an Teletexte" 1977 (Abstract)
	Goff, R., "A Review of Teletext" 1978 (Abstract)
	Haplinsky, C.H., "The D**(2)B A One Logical Wire Bus for Consumer Applications" 1981

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Cazals, A., "cts Techniques du Teletexte Diffuse" 1981 (Abstract)
	Sechet, C. et al., "Epees et la Viideomessagerie" 1981 (Abstract)
	Cayet, A. "La Peritelevision Face a Son Public" 1981 (Abstract)
	"La Telematique au Service Des Entreprises et des Particliers: Les Reseaux - Les Produits Nouveaux - Les Application" 1980 (Abstract)
	Sechet, C., "Antiope Teletext Captioning" 1980
	Lambert, O. et al., "Antiope and D.R.C.S." 1980
	Broggini, P., "Antiope: La Bonne Information Au Bon Moment" 1980 (Abstract)
	Strauch, D., "(Texte Sur Ecran An Nivenn International. Viewdata 80. Premeire Confirence Mendiale Sur Viewdata, Video text at Teletext, a Londres)" 1980
	Strauch, D., "(Las Media De Telecommunication Devant la Rapture. Les Nonvellas Methodes Presentees a L'Exposition International 1979 de Radio (Et Television)) 1979
	Eymery, G., "Le Teletexte Antiope System D'Information a La Demande" 1979-1980 (Abstract)
	Brasq, R., "Micro 8 Bits Dans Linite Gestion da Terminal de Videotex Antiope"
	Hughes, JW, "Videotex and Teletext Systems" 1979
	Marti, B., "Terminologie Des Services de Communication De Texte" 1979 (Abstract)
	Schreber, H., "Antiope et Tietae, La Tele-Informatique Sur L'ecran De Votre Televiscur" 1978 (Abstract)
	Kulpok, A., "Videotext, Teletext, Bilschimzeiting" 1979 (Abstract)
	Cochard, J.P. et al., "Antiope Prototype da Teletexte De Demain" 1979 (Abstract)
	Messerschmid, U., "Videotext: Ein Nueur Informations dienst in Fernschrund funk" 1978 (Abstract)
	D'Argoevves, T. et al, "La Chaîne Vieo: Magnetoscopes, Videodisqhes, Andiodisques" 1979 (Abstract)
	Klingler, R., "Les Systemes de Teletexte Unidirectionals" 1978 (Abstract)
	Guillemin, J., "Dix Annees D'Antomatisation Au Service De la Radiodiffusion" 1977 (Abstract)
	Brusq, R., "Le Terminal de Teletexte Antiope" 1977 (Abstract)
	Guinet, Y., "Les Systemes des Teletextes Antiope" 1977 (Abstract)
	Schwartz, C. et al., "Specification Preliminarie du Systeme Teletexte Antope" 1977 (Abstract)
	United States International Trade Commission notice of decision not to review Admin. law judges initial dismissal of complaint (case involves certain recombinantly Produced Human Growth Hormones)
	U.S. I.T.C.'s order granting Complainants Motion to Desqualify the Law Firm of Finnegan, Henderson et al. (Case involves Certain Cardiac Pacemakers and Components therof)
	Decision in Ford Motor Company v. Jerome H. Lemelson
	General Counsel's recommendation to U.S.I.T.C. to refuse a patent-based section 337 investigation based on a complaint filed not by the owner of the patents in issue, but by nonexclusive licensees
	Portion of ITC's Industry and Trade Summary serial publication
	Copy of ITC Admin. Judges Order #9: Initial Determination Terminating Investigation (Investigation #337-TA-373)
	"LSI Circuits for Teletext and Viewdata -- The Lucy Generation" published by Mullard Limited, Mullard House (1981)
	2 page article by Nicholas Negro Ponte in SID 80 Digest titled, "17.4/10:25 a.m.: Soft Fonts", pp. 184-185
	IEEE Consumer Electronics July 1979 issue from Spring Conference titled, "Consumer Text Display Systems", pp. 235-429
	Videotext '81 published by Online Conferences Ltd., for the May 20-22, 1981 Confernece, pp. 1-470
✓	"Teletext and Viewdata Costs as Applied to the U.S. Market" Published by Mullard House (1979), pp. 1-8

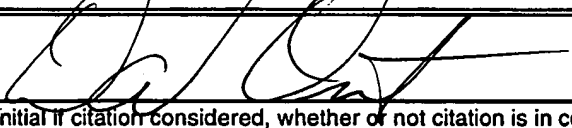
Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	CCETT publication titled, "Didon Diffusion de donnees parpaquets"
	Dalton, C.J., "International Broadcasting Convention" (1968), Sponsors: E.E.A., I.E.E., I.E.E.E., I.E.R.E., etc.
	Shorter, D.E.L., "The Distribution of Television Sound by Pulse-Code Modulation Signals Incorporated in the Video Waveform"
	Chorky, J.M., Shorter, D.E.L., "International Broadcasting Convention" (1970), pp. 166-169
	"The Implementation of the Sound-in-Sync project for Eurovision (Feb. 1975), pp. 18-22
	Maegele, Manfred, "Digital Transmissions of Two Television Sound Channels in Horizontal Banking", pp. 68-70
	Weston, J.D., "Digital TV Transmission for the European Communications Satellite" (1974), pp. 318-325
	Golding, L., "A 15 to 25 Mhz Digital Television System for Transmission of Commercial Color Television" (1967), pp. 1-26
	Huth, Gaylord K., "Digital Television System Design Study: Final Report (11/28/76), prepared for NASA Lyndon B. Johnson Space Center
	Weston, J.D., "Transmission of Television by Pulse Code modulation", Electrical Communication (1967), pp. 165-172
	Golding, L., "F1-Ditec-A-Digital Television Communications System for Satellite Links," Telecommunications Numeriques Par Satellite
	Haberle, H. et al., "Digital TV Transmission via Satellite", Electrical Communications (1974)
	Dirks, H. et al., "TV-PCM6 Integrated Sound and Vision Transmission System, Electrical Communication (1977), pp. 61-67
	Talygin, N.V. et al., The "Orbita" Ground Station for Receiving Television Programs Relayed by Satellites, Elektrovinz, pp. 3-5
	1973 NAB Convention Program, Mar. 25-28, 1973
	Portions of Electronic Engineer's Reference Book (1989) - Multichannel sound systems, Teletext transmission, cable television, ISDN applications, etc.
	Yoshido, Junko, teletext back in focus: VBI service revived as alternative delivery system, Electronic Engineering Times (1994) (Abstract)
	Blankenhorn, Dana, "Int'l Teletext expands market (International Teletext Communication Inc.)," NewsBytes (1993) (Abstract)
	Collin, Simon, PC Text II (Hardware Review (Shortlist), PC User (1990)
	Alfonzetti, Salvatore, "Interworking between teletext and OSI systems," Computer Communications (1989)
	Gabriel, Michael R., Videotex and teletex: Waiting for the 21st century?, Education Technology (1988)
	Voorman, J.O. et al., A one-chip Automatic Equalizer for Echo Reduction in Teletext, IEEE Transactions on Consumer Electronics, pp. 512-529
	National Online Meeting: Proceedings - 1982 sponsored by: Online Review, pp. 547-551
	MacKenzie, G.A., A Model for the UK Teletext Level 2 Specification (Ref: GTV2 242 Annex 6" based on the ISO Layer model
	Chambers, J.P., A Domestic Television Program Delivery Services, British Broadcasting Corporation, pp. 1-5
	McKenzie, G.A., UK Teletext - The Engineering Choices, Independent Broadcasting Authority, pp. 1-8
	Adding a new dimension to British television, Electronic Engineering (1974)
	Jones, Keith, The Development of Teletext, pp. 1-6
	Marti, B. et al., Discrete, service de television cryptee, Revue de radiodiffusion - television (1975), pp. 24-30

Examiner Initials	Author, Title, Date, Pertinent Pages, Etc.
	Ando, Heiichero et al., Still-Picture Broadcasting - A new Informational and Instructional Broadcasting System, IEEE Transactions on Broadcasting (1973), pp. 68-76
	Sauter, Dietrich, "Intelligente Komponenten Fur Das Afra-Bus-Fernsteuersystem", Rundfunk technischen Mitteilungen, pp. 54-57
	Hogel, T. et al., "Afra-Bus-ein digitales Fersteuersystem fur Fernsehstudion Komplexe", Fernseh-Und Kino-Technik (1974), pp. 13-14
	Hogel, G., "Das Afra-Bus System: 2. Technische Struktur des AFRA-Bus-Systems", Fernseh-Und Kino-Technik (1975), pp. 395-400
	Krauss, G., "Das AFRA-Bus-System: 4. Wirtschaftlich Keits-betrachtungen und Rationalisierung seifeke beim Einsatz des AFRA-Bus-Systems", Fernseh-Und Kino-Technik (1976), pp. 40-49
	Wellhausen, H. "Das AFRA-Bus-System: 1. Grundsatzliche-Betrachtungen und Rationalisierung und Automatisierung in den Fernschbetreiben", Fernseh-Und Kino-Technik (1975), pp. 353-356
	Sauter, D., "Das AFRA-Bus-System: 3. Einsatz-moglich Keiten des Afra-Bus Systems in Fernsehbetrieben", Fernseh-Und Kino-Technik (1976), pp. 9-13
	B.B.C.I.B.A., Specification of Standards for information transmission by digitally coded signals in the field - blanking interval of 625-line systems (1974), pp. 5-40
	Centre Commun Des De Television et Telecommunications, Specification du Systeme Di Teletext, Antiope
	Heller, Arthur, "VPS - Ein Neues System Zuragsgesteuerten Programmanfzeichnung, Rundfunk technisde Mitteilungen, pp. 162-169
	Institut fur Rundfunktechnik, "ARD/SDF/ZXEI - Richlinie "Video Programm-System", pp. 1-30
	Buro der Technischen Kommission, "Niederschrift uber die Besprechung zwischen Rundfunkanstalten (Techik, Sendeleiter) und ZVEI zur Einfuhrung des Video-Programm-Systems", pp. 1-4
	Buro der Technischen Kommission, "Ergebnisse und Festlegungen anda "Blich einer Besprechung zwischen Rundfunanstalten..", pp. 1-4
	Koch, H. et al., "Bericht der ad hoc - Arbeitsgruppe 'Videotext programmiert Videorecorder' der TEKO", pp. 1-40
	European Broadcasting Union, "Specification of the Domestic Video Programme Delivery Control System", pp. 1-72
	ARD/ZDF/ZVEI-Richtlinie "Video Programme System"
	Reports on Developments in USA, Teletext, EIA Meeting
	Videotex '81: A Special Report
	Tarrant, D.R., "Teletext for the World"
	Clifford, Colin et al., "Microprocessor Based, Software Defined Television Controller", IEEE Transaction on Consumer Electronics (1978), pp. 436-441
	Hughes, William L. et al., "Some Design Considerations for Home Interactive Terminals", IEEE Transactions on Broadcasting (1971)
	Mothersdale, Peter L., "Teletext and viewdata: new information systems using the domestic television receiver", Electronics Record (1979), pp. 1349-1354
	Betts, W.R., "Viewdata: the evolution of home and business terminals", PROC.IEE (1979), pp. 1362-1366
	Hutt, P.R., "Thical and practical ruggedness of UK teletext transmission", PROC.IEE (1979), pp. 1397-1403
	Rogers, B.J., "Methods of measurement on teletext receivers and decoders", PROC.IEE (1979), pp.1404-1407
	Green, N., "Subtitling using teletext service - technical and editorial aspects", PROC.IEE (1979), pp. 1408-1416

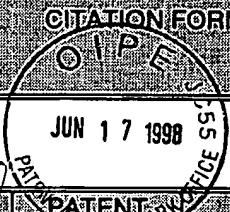
Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Chambers, M.A., "Teletext - enhancing the basic system", PROC.IEE (1979), pp. 1425-1428
	Crowther, G.O., "Adaptation of UK Teletex System for 525/60 Operation", IEEE Transactions on Consumer Electronics (1980), pp. 587-596
	Marti, B. et al., "Discrete, service de television cryptee", Revue de radiodiffusion - television (1975), pp. 24-30
	Lopinto, John, "The Application of DRCS within the North American Broadcast Teletext Specification", IEEE Transactions on Consumer Electronics (1982), pp. 612-617
	BBC, BBC Microcomputer. BBC Microcomputer with Added Processor and Teletex Adaptor (Manual)
	Green, N.W., "Picture Oracle," On Independent Television Companies Association Limited Letterhead
	National Captioning Institute, Comments on the Matter of Amendment of Part 73, Subpart E. of the Federal Communications Rules Government Television Stations to Authorize Teletext (before F.C.C.)
	Balchin, C., "Videotext and the U.S.A.", I.C. Product Marketing Memo
	Koteen and Burt, "British Teletext/Videotex"
	EIA Teletext SubCommittee Meetings, Report on USA Visit
	Brighton's Experience with Software for Broadcast (Draft)
	The Institution of Electronic and Radio Engineers, Conference on Electronic Delivery of Data and Software
	AT&T, "Videotex Standard Presentation Level Protocol"
	Various Commissioner statements on Authorization of Teletext Transmissions by TV Stations, BC Docket No. 81-741
	Report and Order of FCC on the Matter of Amendment of Parts 2,73, and 76 of the Commission's Rules to Authorize the Transmission of Teletext by TV Stations, pp. 1-37
	IBA Technical Review of Digital Television, pp. 1-64
	National Cable Television Association report, "Videotex Services" given at Executive Seminar
	LEXIS Research results for Patent No. 4,145,717
	Web page - Company Overview of Norepack Corporation
	Coversheet titled, "Zing"
	Lemelson v. Apple Computer, Inc. patent case in The Bureau of National Affairs, 1996
	A computer printout from Library Search
	Electronic Industries Association - Teletext Subcommittee Task Group A - Systems Minutes of Meeting 3/30/81 at Zenith plus attachments
	Electronic Industries Association - Teletext Subcommittee Task Group A Systems Interim Report, 3/30/81 by Stuart Lipoff, Arthur D. Little Inc.
	Minutes of Electronic Industries Association Teletext Subcommittee Task Force B - Laboratory & Field Tests 3/30/81
	National Captioning Institute Report, "The 1980 Closed-Captioned Television Audience"
	Electronic Industries Assoc. - Teletext Subcommittee - Steering Committee Minutes of Meeting on 3/31/81
	8/6/90 letter from Herb Zucker to Walter Ciciora with attachment
	Articles, information sheets under cover sheet "QVP - Pay Per View" 11/29/82
	National Cable Television Association report, "Videotex Services"
	Scala Info Channel Advertisement, "The Art of Conveying A Message"
	Zenith Corporation's Z-Tac Systems information includes Z-tac specifications, access list, etc.
V	Report by Cablesystems Engineering Ltd. on, "Zenith Addressable System and Operating Procedures" and Advertising documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Memo from W. Thomas to G. Kelly on 1/21/82 Re: Modified ZTAC/Multi Channel
	Notations by Walt Ciciora dated 8/19/81 referring to Virex figures
	Stamped Zenith Confidential, "Preliminary Specification for Basic Text"
	Report titled "The Necams Business Plan," dated March 18, 1994
	The Personalized Mass Media Corp. reported titled, "Portfolio of Programming Examples" by Harvey, Keil, & Parker 1991
	Petition to FCC dated 3/26/81 titled, "Petition for Rulemaking of Unighted Kingdom Teletext Industry Goup," also 1 page of handwritten notes from Walter Ciciora
	"Enhanced Computer Controlled Teletext for 525 Line Systems (Usecc) SAA 5245 User Manual" report by J.R. Kinghorn
	"Questions and Answers about Pay TV" by Ira Kamen
	Oak Industries 1981 Annual Report
	Article, "50 Different Uses For At Home 2-Way Cable TV Systems" by Morton Dubin
	Derwent Info Ltd. search. Integrated broadcasting & Computer Processing system. Inventor J. Harvey/J. Cuddihy
	Telefax from Arjen Hooiveld to Jones, Day, Reavis & Pogue Re: European Patent Appl. No. 88908836.5 and abstract plus related correspondence and Derwent search
	Advertisement in royal TV Society Journal (1972) for PYE TVT
	Letter to Dean Russell listing "reference papers", pp. 1-4
	Letter from George McKenzie to Dean Russell RE: PMM Corp., v. TWC Inc.
	Reisebericht (German memo)
	Blanpunk (German memo)
	"Relevant papers for Weather Channel V PMMC"
	Letter to Peter Hatt Re: BVT: Advisory UK Industry Contact Group
	Incomplete report on Antiope
	Memo FCC: Next Moves.
	Memo - Re: British Teletext - ABC
	Memo with FCC Report and Order Authorizing Teletext Transmission
	Manual
	Notes to Section 22.4: Simple Block Encipherment Algorithm
	Memos on Zenith and Teletext
	Memo to Bernie Kotten about National Cable TV Association meeting and effort to encourage Sony to integrate teletext chip sets into its TV
	Memo's from Koteen & Naftalin
	Description of patents from Official Gazette
	Explanation of Collateral Estoppel
	BNA's Intellectual Property Library on CD's summary of Jamesbury Corporation v. United States
	BNA's Intellectual Property printouts of Lemelson v. Apple Computer, Inc.
	ITC Judge Order denying Motion for Summary Judgment in the Matter of Certain Memory Devices with Increased Capacitance and Products Containing Same, Investigation #337-TA-371
	Decision in court case Corbett v. Chisolm and Schrenk involving patent #3,557,265
	Matthew Beaden Printouts regarding interference practice and the Board Interference
	BNA's Intellectual Property Library on CD printouts about Corbett v. Chisolm
	numerous Group W business cards including James Cuddihy


Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	numerous Group W business cards including James Cuddihy
	The Broadcast Teletext Specification, published by the BBC, The IBA and the British Radio Equipment Manufacturers' Association (1976)
	Kahn, et al., "Advances in Packet Radio Technology," Proceedings of the IEEE, Vol. 66, No. 11, Nov. (1978) pp. 1468-1495
	Clifford, C., "A Universal Controller for Text Display Systems," IEEE Transactions on Consumer Electronics, (1979) pp. 424-429
	Harden, B., "Teletext/Viewdata LSI," IEEE Transactions on Consumer Electronics, (1979), pp. 353-358
	Bown, H. et al., "Comparative Terminal Realizations with Alpha-Geometric Coding," IEEE Transaction on Consumer Electronics, (1980), pp. 605-614
	Crowther, "Dynamically Redefinable Character Sets--D.R.C.S.," IEEE Transaction on Consumer Electronics, (1980), pp. 707-716
	Chambers, John et al., "The Development of a Coding Hierarchy for Enhanced UK Teletext," IEEE Transaction on Consumer Electronics, (1981), pp. 536-540
	Reexamination of U.S. Patent No. 4,706,121
	U.S. Patent Application by T. Diepholz (Serial No. 266900)
	List of relevant or searched patents
	88908836.5 and Amendments to John C. Harvey, European Patent Office
	88908836.5 International Application to John C. Harvey
	Kruger, H.E., "Memory Television, the ZPS Digital Identification System," pp. 1-9.

EXAMINER	DATE CONSIDERED
	9/06
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).	

Serial No.: 08/08/487,526
Docket No.: 05634.0355


INFORMATION DISCLOSURE STATEMENT BY APPLICANT CITATION FORM 	Attorney Docket No.	Serial No.
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	Applicant(s) John C. Harvey and James W. Cuddihy	
	Filing Date June 7, 1995	Group Art Unit 2731

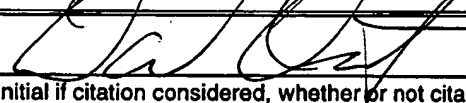
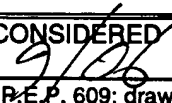
UNITED STATES PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE
	4,647,974	March 3, 1987	Butler et al.	358/185	April 12, 1985

* If Pertinent

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES	NO
	0 187 417	July 16, 1986	European	H04 N 7/087		X
	1,515,309	June 21, 1978	Great Britain	G06 K 15/20		X

EXAMINER 	DATE CONSIDERED 
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).	



Serial No. 08/487,526
Docket No. 5634.0355

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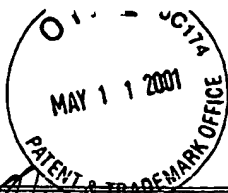
Group 2600

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Attorney Docket No.	Serial No.
	05634.0355	08/487,526
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Filing Date June 7, 1995	Group Art Unit 2699

CITATION FORM

UNITED STATES PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
	1,927,702	September 19, 1933	Foss	705/36	December 3, 1932
	2,511,085	June 13, 1950	Smith	381/104	November 15, 1946
	2,573,349	October 30, 1951	Miller et al.	725/14	December 9, 1949
	2,769,023	October 30, 1956	Loew et al.	725/143	January 19, 1950
	2,788,387	April 9, 1957	Druz	380/320	October 2, 1951
	2,864,865	December 16, 1958	Morris	568/430	May 4, 1955
	2,866,962	December 30, 1958	Ellet	380/227	December 6, 1955
	2,969,427	January 24, 1961	See	348/705	May 27, 1957
	3,008,000	November 7, 1961	Morchand	725/138	September 11, 1958
	3,016,091	January 9, 1962	Daniele	162/391	August 11, 1960
	3,071,642	January 1, 1963	Mountjoy et al.	725/151	February 21, 1957
	3,213,201	October 19, 1965	Flood et al.	370/381	July 2, 1962
	3,238,297	March 1, 1966	Pawley et al.	380/240	July 8, 1951
	3,244,806	April 5, 1966	Morris	725/151	January 30, 1962
	3,363,250	January 9, 1968	Jacobson	340/825.17	July 20, 1965
	3,371,071	February 27, 1968	Webb	428/355EN	January 18, 1965
	3,387,268	June 4, 1968	Epstein	340/825.26	September 9, 1963
	3,531,583	September 29, 1970	Walker	380/230	July 28, 1966
	3,531,586	September 29, 1970	Bass et al.	725/151	April 19, 1965
	3,536,833	October 27, 1970	Guanella	380/28	July 8, 1965
	3,569,937	March 9, 1971	Hoetter	340/825.75	November 6, 1968
	3,573,747	April 6, 1971	Adams et al.	705/37	February 24, 1969
	3,586,767	June 22, 1971	Morchand	348/473	June 4, 1968
	3,586,771	June 22, 1971	Hamburger et al.	725/1	October 25, 1968
	3,601,528	August 24, 1971	McVoy	724/143	June 16, 1969
	3,606,688	April 24, 1971	Zawels et al.	434/323	July 11, 1969
	3,609,697	September 28, 1971	Blevins et al.	717/2	October 21, 1968
	3,627,914	December 14, 1971	Davies	348/722	September 4, 1969
	3,648,270	March 7, 1972	Metz et al.	345/24	August 11, 1969
	3,657,699	April 18, 1972	Rocher et al.	380/265	June 30, 1970
	3,659,046	April 5, 1972	Angeleri et al.	380/43	May 13, 1969
	3,676,580	July 11, 1972	Beck	725/16	June 1, 1970
	3,693,090	September 29, 1972	Gabriel	725/1	August 8, 1969
	3,703,684	November 21, 1972	McVoy	725/16	June 25, 1971
	3,716,835	February 13, 1973	Weinberg	340/825.27	March 19, 1971
	3,725,672	April 3, 1973	Reuter	327/176	July 30, 1971



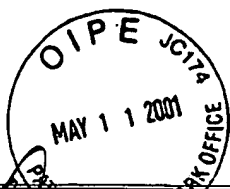
RECEIVED

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Serial No. 08/487,526
Docket No. 5634.0355

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
	3,729,581	April 24, 1973	Anderson	348/640	September 3, 1973
	3,731,197	May 1, 1973	Clark	380/36	December 15, 1969
	3,736,369	May 29, 1973	Vogelman et al.	380/228	March 13, 1972
	3,744,043	July 3, 1973	Walden et al.	340/870.7	June 1, 1971
	3,746,780	July 17, 1973	Stetten et al.	386/95	February 25, 1971
	3,749,845	July 31, 1973	Fraser	370/433	August 27, 1971
	3,754,211	August 21, 1973	Rocher et al.	714/749	December 30, 1971
	3,755,624	August 28, 1973	Sekimoto	348/495	April 22, 1971
	3,757,225	September 4, 1973	Ukicki	725/1	March 16, 1972
	3,761,888	September 25, 1973	Flynn	710/18	August 3, 1972
	3,773,977	November 20, 1973	Guanella	380/36	June 21, 1971
	3,777,053	December 4, 1973	Wittig et al.	380/228	May 16, 1972
	3,789,137	January 29, 1974	Newell	386/98	April 7, 1972
	3,798,359	March 19, 1974	Feistel	380/37	June 30, 1971
	3,798,610	March 19, 1974	Bliss et al.	709/236	December 20, 1972
	3,806,814	April 23, 1974	Forbes	725/119	April 26, 1972
	3,819,852	June 24, 1974	Wolf	348/478	August 29, 1972
	3,824,332	July 16, 1974	Horowitz	380/222	February 18, 1972
	3,824,467	July 16, 1974	French	380/35	December 1, 1972
	3,825,893	July 23, 1974	Bossen et al.	714/757	May 29, 1973
	3,833,757	September 3, 1974	Kirk, Jr. et al.	725/144	April 10, 1972
	3,835,387	September 10, 1974	Rookes et al.	725/151	November 15, 1972
	3,842,196	October 15, 1974	Loughlin.	348/486	November 12, 1973
	3,845,391	October 29, 1974	Crosby	455/39	July 15, 1971
	3,859,458	January 7, 1975	Takezawa et al.	348/24	August 30, 1973
	3,882,392	May 6, 1975	Harney	725/79	January 29, 1973
	3,890,461	June 17, 1975	Vogelman et al.	380/228	March 27, 1973
	3,891,792	June 24, 1975	Kimura	348/622	June 25, 1974
	3,893,031	July 1, 1975	Majeau et al.	380/274	November 8, 1972
	3,894,176	July 8, 1995	Mellon	380/230	178/5.1
	3,899,633	August 12, 1975	Sorenson et al.	380/207	May 12, 1972
	3,909,512	September 30, 1975	Omori et al.	386/75	October 5, 1973
	3,911,216	October 7, 1975	Bartek et al.	380/46	December 17, 1973
	3,911,419	October 7, 1975	Bates et al.	345/162	November 23, 1973
	3,914,534	October 21, 1975	Forbes	380/220	October 29, 1973
	3,916,091	October 28, 1975	Kirk, Jr. et al.	380/242	January 31, 1973
	3,919,462	November 11, 1975	Hartung et al.	380/235	August 15, 1973
	3,921,151	November 18, 1975	Guanella	380/36	July 12, 1973
	3,922,482	November 25, 1975	Gabriel et al.	725/31	August 20, 1971
	3,934,079	January 20, 1976	Barnhart	725/131	October 26, 1973
	3,936,593	February 3, 1976	Aaronson et al.	380/219	August 5, 1974
	3,936,594	February 3, 1976	Schubin et al.	380/238	August 5, 1974
	3,944,931	March 16, 1976	Usami et al.	455/192.2	November 14, 1974
	3,949,313	April 6, 1976	Tamada et al.	341/50	May 28, 1974
	3,956,615	May 11, 1976	Anderson et al.	705/72	June 25, 1974



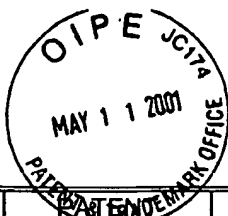
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	3,970,790	July 20, 1976	Guanella	380/36	March 7, 1974
	3,978,449	August 31, 1976	Sanders et al.	714/823	January 27, 1975
	3,987,398	October 19, 1976	Fung	725/127	July 5, 1974
	3,988,528	October 26, 1976	Yanagimachi et al.	348/24	August 27, 1973
	3,990,050	November 2, 1976	Kolettis et al.	710/23	September 25, 1974
	3,993,955	November 23, 1976	Belcher et al.	725/33	April 25, 1975
	3,997,718	December 14, 1976	Ricketts et al.	725/114	November 11, 1974
	4,008,369	February 15, 1977	Theurer et al.	725/3	February 28, 1975
	4,024,574	May 17, 1977	Nieson	380/232	February 26, 1975
	4,025,947	May 24, 1977	Michael	348/705	May 28, 1974
	4,025,948	May 24, 1977	Loshin	380/228	February 25, 1975
	4,048,619	September 13, 1977	Forman, Jr. et al.	370/485	September 17, 1976
	4,049,906	September 20, 1977	Hafner et al.	178/2C	April 21, 1976
	4,052,737	October 4, 1977	Robertson et al.	725/138	July 9, 1976
	4,058,830	November 15, 1977	Gulnet et al.	380/212	June 3, 1976
	4,064,490	December 20, 1977	Nagel	709/227	September 10, 1975
	4,068,264	January 10, 1978	Pires	380/233	July 19, 1976
	4,079,419	March 14, 1978	Siegle et al.	348/732	October 29, 1975
	4,081,612	March 28, 1978	Hafner	370/393	July 14, 1976
	4,081,753	March 28, 1978	Miller	455/158.2	December 13, 1976
	4,091,417	May 23, 1978	Nieson	380/232	February 23, 1977
	4,104,486	August 1, 1978	Martin et al.	379/106.06	June 29, 1976
	4,112,464	September 5, 1978	Gulf et al.	380/241	May 11, 1977
	4,115,662	September 19, 1978	Gulnet et al.	380/212	September 6, 1977
	4,115,807	September 19, 1978	Pires	380/233	November 1, 1976
	4,120,030	October 10, 1978	Johnstine	713/190	March 11, 1977
	4,130,833	December 19, 1978	Choenet	380/220	April 11, 1977
	4,138,726	February 26, 1979	Girault et al.	345/113	June 29, 1977
	4,160,120	July 3, 1979	Barnes et al.	380/29	November 17, 1977
	4,161,751	July 17, 1979	Ost	725/25	May 19, 1977
	4,163,254	July 31, 1979	Block et al.	380/233	February 14, 1977
	4,163,255	July 31, 1979	Pires	380/233	June 15, 1978
	4,168,396	September 18, 1979	Best	713/190	October 31, 1977
	4,170,782	October 9, 1979	Miller	725/14	October 28, 1977
	4,171,513	October 16, 1979	Otey et al.	380/43	July 22, 1969
	4,172,213	October 23, 1979	Barnes et al.	380/29	November 17, 1977
	4,186,413	January 29, 1980	Mortimer	348/473	November 14, 1977
	4,196,310	April 1, 1980	Forman et al.	380/46	November 3, 1977
	4,200,770	April 29, 1980	Hellman et al.	380/30	September 6, 1977
	4,200,913	April 29, 1980	Kuhar et al.	341/23	April 13, 1977
	4,215,366	July 29, 1980	Davidson	380/235	April 24, 1979
	4,215,370	July 29, 1980	Kirk, Jr.	375/240.01	February 22, 1978
	4,225,967	September 3, 1980	Miwa et al.	455/68	January 9, 1978
	4,232,193	November 4, 1980	Gerard	380/36	May 3, 1978
	4,236,217	November 25, 1980	Kennedy	702/61	April 20, 1979



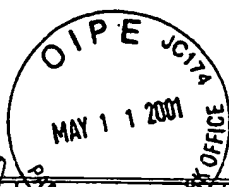
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	4,237,484	December 2, 1980	Brown et al.	375/240.12	August 8, 1979
	4,237,486	December 2, 1980	Shimp	348/475	November 9, 1978
	4,245,246	January 13, 1981	Cheung	380/235	August 3, 1978
	4,247,106	January 27, 1981	Jeffers et al.	463/29	April 12, 1978
	4,250,489	February 10, 1981	Dudash et al.	340/825.02	October 31, 1978
	4,250,521	February 10, 1981	Wright	348/616	June 19, 1979
	4,250,524	February 10, 1981	Tomizawa	380/232	February 22, 1979
	4,251,691	February 17, 1981	Kakihara et al.	348/14.01	December 1, 1978
	4,253,114	February 24, 1981	Tang et al.	380/212	September 26, 1978
	4,253,157	February 24, 1981	Kirschner et al.	707/104	September 29, 1978
	4,262,329	April 14, 1981	Bright et al.	713/164	March 27, 1978
	4,264,925	April 28, 1981	Freeman et al.	725/138	August 13, 1979
	4,266,243	May 5, 1981	Shutterly	380/236	April 25, 1979
	4,275,411	June 23, 1981	Lippel	348/472	April 19, 1978
	4,283,602	August 11, 1981	Adams et al.	380/41	September 23, 1968
	4,284,976	August 18, 1981	Gable et al.	340/825.43	June 7, 1979
	4,286,281	August 25, 1981	Suzuki	386/12	September 26, 1979
	4,287,592	September 1, 1981	Paulish et al.	370/403	May 23, 1979
	4,288,809	September 8, 1981	Yabe	348/468	May 21, 1980
	4,290,141	September 15, 1981	Anderson et al.	725/24	July 2, 1979
	4,295,223	October 13, 1981	Shutterly	455/72	April 25, 1979
	4,302,771	November 24, 1981	Gargini	725/119	July 23, 1980
	4,304,990	December 8, 1981	Atalla	380/45	February 4, 1980
	4,305,131	December 8, 1981	Best	345/327	March 31, 1980
	4,306,289	December 15, 1981	Lumley	713/190	February 4, 1980
	4,306,305	December 15, 1981	Doi et al.	714/755	October 19, 1979
	4,307,446	December 22, 1981	Barton et al.	710/131	May 2, 1979
	4,310,854	January 12, 1982	Baer	348/484	August 28, 1979
	4,312,016	January 19, 1982	Glaab et al.	348/706	February 2, 1979
	4,313,132	January 26, 1982	Doles et al.	725/26	October 31, 1979
	4,314,367	February 2, 1982	Bakka et al.	370/422	January 17, 1980
	4,316,055	February 16, 1982	Feistel	380/37	December 30, 1976
	4,316,245	February 16, 1982	Luu et al.	709/106	December 7, 1978
	4,317,215	February 23, 1982	Tabata et al.	725/131	September 11, 1979
	4,318,125	March 2, 1982	Shutterly	380/236	April 25, 1979
	4,319,079	March 9, 1982	Best	713/190	January 17, 1980
	4,322,745	March 30, 1982	Saeki et al.	380/242	March 21, 1980
	4,323,921	April 6, 1982	Guillou	705/53	January 23, 1980
	4,323,922	January 6, 1982	de Toonder et al.	380/226	December 17, 1979
	4,325,078	April 13, 1982	Seatom et al.	380/230	November 20, 1979
	4,329,675	May 11, 1982	Van Hulle	725/32	September 23, 1980
	4,329,684	May 11, 1982	Monteath et al.	345/180	January 15, 1980
	4,330,794	May 18, 1982	Sherwood	380/206	February 25, 1980
	4,332,980	June 1, 1982	Reynolds et al.	370/259	May 30, 1980
	4,334,242	June 8, 1982	Mangold	386/46	January 14, 1980



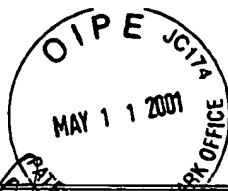
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	4,336,553	June 22, 1982	den Toonder et al.	380/206	May 14, 1980
	4,336,559	June 22, 1982	Koyama et al.	260/73.05	November 9, 1978
	4,337,480	June 29, 1982	Bourassin et al.	348/552	February 8, 1980
	4,338,628	July 6, 1982	Payne et al.	380/213	December 19, 1979
	4,339,798	July 13, 1982	Hedges et al.	463/26	December 17, 1979
	4,340,903	July 20, 1982	Tamura	348/187	August 6, 1980
	4,343,042	August 3, 1982	Schrock et al.	725/116	June 9, 1979
	4,347,498	August 31, 1982	Lee et al.	340/825.02	November 21, 1979
	4,347,532	August 31, 1982	Korver	348/565	October 14, 1980
	4,353,088	October 5, 1982	den Toonder et al.	380/206	May 14, 1980
	4,354,201	October 12, 1982	Sechet et al.	380/228	June 11, 1980
	4,360,828	November 23, 1982	Briggs, Jr. et al.	725/114	August 7, 1978
	4,361,851	November 30, 1982	Asip et al.	725/14	January 4, 1980
	4,361,877	November 30, 1982	Dyer et al.	702/176	February 5, 1980
	4,364,081	December 14, 1982	Hashimoto et al.	348/617	April 16, 1981
	4,365,110	December 21, 1982	Lee et al.	380/28	June 5, 1979
	4,367,548	January 4, 1983	Cotten, Jr. et al.	359/125	April 10, 1980
	4,367,557	January 4, 1983	Stern et al.	725/149	May 25, 1979
	4,368,483	January 11, 1983	Liu	348/617	June 22, 1981
	4,368,486	January 11, 1983	Degoulet et al.	348/598	February 25, 1981
	4,374,437	February 15, 1983	Citta et al.	455/164.2	December 29, 1980
	4,375,579	March 1, 1983	Davida et al.	380/28	January 30, 1980
	4,375,651	March 1, 1983	Templin et al.	348/731	July 27, 1981
	4,378,470	March 29, 1983	Murto, el al.	379/93.05	March 25, 1981
	4,379,205	April 5, 1983	Wyner	380/28	June 22, 1979
	4,385,324	May 24, 1983	Shioda et al.	348/781	November 16, 1981
	4,388,643	June 14, 1983	Aminetzah	380/239	April 6, 1981
	4,388,645	June 14, 1983	Cox et al.	348/468	April 13, 1981
	4,388,664	June 14, 1983	Ishman et al.	361/93.6	August 3, 1981
	4,389,671	June 21, 1983	Posner et al.	380/235	September 29, 1980
	4,390,898	June 28, 1983	Bond et al.	380/241	March 23, 1981
	4,394,691	July 19, 1983	Amano et al.	348/734	July 30, 1981
	4,394,762	July 19, 1981	Nabeshima	714/758	January 6, 1981
	4,395,757	July 26, 1983	Bienvenu et al.	709/104	April 14, 1981
	4,396,915	August 2, 1983	Farnsworth et al.	340/870.03	March 31, 1980
	4,396,946	August 2, 1983	Bond	380/226	March 23, 1981
	4,396,947	August 2, 1983	Cheung	380/222	March 26, 1980
	4,398,216	August 9, 1983	Field et al.	380/238	September 19, 1980
	4,400,587	August 23, 1983	Taylor et al.	379/113	August 25, 1981
	4,405,942	September 20, 1983	Block et al.	380/214	March 3, 1982
	4,410,917	October 18, 1983	Newdoll et al.	360/15	September 14, 1981
	4,413,339	November 1, 1983	Riggle et al.	714/765	July 24, 1981
	4,415,771	November 15, 1983	Martinez	379/43	April 3, 1981
	4,422,093	December 20, 1983	Pargée, Jr.	725/115	January 27, 1983
	4,424,532	January 3, 1984	den Toonder et al.	380/226	May 9, 1983



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	4,425,581	January 10, 1984	Schweppe et al.	348/510	April 17, 1981
	4,433,207	February 21, 1984	Best	713/190	September 10, 1981
	4,434,323	February 28, 1984	Levine et al.	380/260	June 29, 1981
	4,434,436	February 28, 1984	Kleykamp et al.	380/209	July 13, 1981
	4,434,464	February 28, 1984	Suzuki et al.	711/164	March 31, 1981
	4,439,784	March 23, 1984	Furukawa et al.	725/25	September 26, 1980
	4,446,519	May 1, 1984	Thomas	711/164	May 26, 1981
	4,449,246	May 15, 1984	Seiler et al.	455/9	May 2, 1980
	4,455,570	June 19, 1984	Saeki, et al.	725/92	October 13, 1981
	4,461,002	July 17, 1984	Nanko	714/798	January 19, 1982
	4,464,679	August 7, 1984	Wargo	348/510	July 6, 1981
	4,467,139	August 21, 1984	Mollier	713/181	March 12, 1981
	4,467,356	August 21, 1984	McCoy	348/385.1	September 24, 1981
	4,471,163	September 11, 1984	Donald et al.	705/55	October 5, 1981
	4,471,164	September 11, 1984	Henry	380/30	October 13, 1981
	4,472,801	September 18, 1984	Huang	370/411	March 28, 1983
	4,473,824	September 25, 1984	Claytor	340/825.27	July 22, 1983
	4,475,123	October 2, 1984	Dumbauld et al.	380/211	April 2, 1981
	4,484,218	November 20, 1984	Boland et al.	725/131	April 29, 1981
	4,486,853	December 4, 1984	Parsons	345/418	April 1, 1981
	4,492,820	January 8, 1985	Kennard et al.	379/46	October 24, 1980
	4,500,987	February 19, 1985	Hasegawa	370/462	November 23, 1982
	4,506,387	March 19, 1985	Walter	359/118	May 25, 1983
	4,513,174	April 23, 1985	Herman	711/214	March 19, 1981
	4,518,989	May 21, 1985	Yabiki et al.	725/92	September 30, 1982
	4,528,588	July 9, 1985	Lofberg	340/5.1	May 18, 1982
	4,528,589	July 9, 1985	Block et al.	380/241	February 1, 1984
	4,538,176	August 27, 1985	Nakajima et al.	725/119	November 26, 1979
	4,567,359	January 28, 1986	Lockwood	235/381	May 24, 1984
	4,580,134	April 1, 1986	Campbell et al.	345/152	November 16, 1982
	4,593,353	June 3, 1986	Pickholtz	705/55	October 26, 1981
	4,598,288	July 1, 1986	Yarbrough et al.	340/5.74	December 20, 1983
	4,599,644	July 8, 1986	Fischer	725/21	October 25, 1984
	4,611,227	September 9, 1986	Brockhurst et al.	348/468	November 22, 1982
	4,614,971	September 30, 1986	Maney et al.	348/466	January 5, 1983
	4,631,585	December 23, 1986	Wine	348/510	May 7, 1984
	4,636,851	January 13, 1987	Drury et al.	380/215	December 12, 1983
	4,647,974	March 3, 1987	Butler et al.	358/185	April 12, 1985
	4,677,552	June 30, 1987	Sibley, Jr.	705/37	October 5, 1984
	4,677,685	June 30, 1987	Kurisu	725/151	July 16, 1985
	4,680,797	July 14, 1986	Benke et al.	704/211	June 26, 1984
	4,682,292	July 21, 1987	Bue et al.	701/35	July 23, 1984
	4,688,105	August 18, 1987	Bloch et al.	386/38	May 10, 1985
	4,689,661	August 25, 1987	Barbieri et al.	375/240.01	June 22, 1981
	4,706,109	November 10, 1987	Murray	348/481	May 30, 1985



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	4,706,282	November 10, 1987	Knowd	713/168	December 23, 1985
	4,742,516	May 3, 1988	Yamaguchi	370/312	January 10, 1986
	4,742,543	May 3, 1988	Fredericksen	380/237	July 10, 1986
	4,744,080	May 10, 1988	Brennand et al.	380/212	February 27, 1986
	4,748,619	May 31, 1988	Vigarie et al.	370/349	February 20, 1987
	4,772,887	September 20, 1988	Dunkerton	340/825.48	August 5, 1983
	4,774,583	September 27, 1988	Kellar et al.	348/585	February 6, 1985
	4,782,387	November 1, 1988	Sabri et al.	375/240.21	December 9, 1986
	4,809,267	February 28, 1989	Higuchi et al.	370/460	June 29, 1987
	4,814,756	March 21, 1989	Chauvel	345/565	January 28, 1987
	4,831,526	May 16, 1989	Luchs et al.	705/4	April 22, 1986
	4,835,777	May 30, 1989	DeLuca, et al.	714/822	January 7, 1987
	4,908,713	March 13, 1990	Levine	386/83	June 29, 1988
	4,942,616	July 7, 1990	Linstroth et al.	704/275	September 9, 1985
	4,963,994	October 16, 1990	Levine	386/83	February 23, 1990
	RE 31,182	March 15, 1983	Crager et al.	178/3	October 11, 1979
	RE 31,735	November 13, 1984	Davidson	380/235	July 26, 1982
	RE 32,326	January 6, 1987	Nagel et al.	348/463	May 19, 1983

* If Pertinent

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES NO
	1,556,366		UK		
	2,853,764		DE		
	2,904,981		Germany		
	3,143,627		Germany		
	60-146587		JP		
	AU 74,619		AU		
	DE 2,904,891		DE		
	DE 2338380		DE		
	DE 2918846		DE		
	DE 3,143,627		DE		
	DT 2,550,624 A1		Germany		
	DT 255,024		DT		
	EP 187,417	16-Jul-86	EP		
	EP 55674		EP		
	FR 79-03351	Feb-79	FR		
	GB 1,370,535		GB		
	GB 1,515,309	21-Jun-78	GB		
	GB 1554411		GB		
	GB 2,016,874	Feb-79	GB		
	GB 2,140,963		GB		
	GB 2034995		GB		



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✓	GB 959,274		GB		
	JA 0053984	Jinno	JP		
	JP 53-11515		JP		
	JP 53-121420		JP		
	JP 55-028691		JP		
	JP 55-500886		JP		
	JP 56-51161		JP		
	JP 57-199377		JP		
	JP 59-154886		JP		
	JP 59-50134		JP		
	JP 60-149281		JP		
	JP 61-20441		JP		
	JP 61-267474		JP		
	PL 204,525	Feb-78	PL		
	WO 80/02093		WIPO		

OTHER DOCUMENTS

Examiner Initial	Date, Author, Title, Pertinent Pages, Etc.		
 	9/76	Gaines, B.R. and Sams, J.,	"Minicomputers in Security Dealing," Computer, September, 1976, pp. 6-15.
	4/79	Kazama et al.,	"Automatic storage and retrieval of video taped programs", 4/79
	3/80		Transcript of Viewdata '80, first world conference on viewdata, videotex, and teletext, 26-28 March 1980, London.
		Benson, K. B. et al.	"CBS New York Video Tape Facilities"
	1960	Brown et al.	Project SCORE," pp. 624-630, 1960.
		Burkhardt et al.	"Digital Television Transmisson With 34 Mbit/s"
	1959	Byloff	"Automatic Control of Video Tape Equipment at NBC, Burbank," by the National Broadcasting Company, Inc. In 1959.
		Charles Gerrish	"QUBE"- INTERACTIVE VIDEO ON THE MOVE"
	1/76	Crowther, et al. G.O.	"TELETEXT RECEIVER LSI DATA ACQUISITION AND CONTROL," 1/13/76, pp 911-915
		Davidoff, Frank	"The All-Digital Television Studio," SMPTE Journal, vol. 89, No. 6.
		Diederich, Werner DT,	"Electronic Image and Tone Return Equipment With Switching System and Remote Control Receiver for Television Decoder"
		Gaucher,	"Automatic Program Recording System"
		M.W.S.. Barlow	"Automatic Switching in the CBC- An Update"
	1959	Marsden,	"Master Control Techniques," v 9 of the "Journal of the Television Society," 1959
		McArthur, David	"The television as a receive only terminal"
	Millar et al.	"Transmission of Alphanumeric Data by Television"	
	Schober	"The WETA Teletext Filed Trial: Some Technical Concerns....."	
	Skilton	"The Digitrol 2 - Automatic VTR Programme Control"	

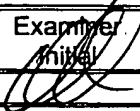


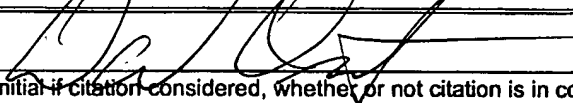
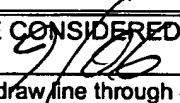
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Serial No. 08/487,526
Docket No. 5634.0355

Group 2600

Examiner Initial	Date, Author, Title, Pertinent Pages, Etc.
	Stern "An Automated Programming Control System for Cable TV"
	Yamane et al. "System and apparatus for automatic Monitoring control of Broadcast Circuits"
	Zettl "Television Production Handbook", second edition.
	Schiller et al. "CATV Program Origination and Production"
6/71	Hughes et al. "Some Design Considerations for Home Interactive Terminals, IEEE Transaction on Broadcasting, Vol. BC-17, No. 2, June 1971.
	Kaneko et al. "Digital Transmission of Broadcast Television with Reduced Bit Rate."
	Gautier, C. "Automatic Program Recording Systems".
	Yamane et al., "System and Apparatus for Automatic Monitoring Control of Broadcast Circuits."
11/1975	Kahn et al. "Advances in Packet Radio Technology," Proceedings of IEEE, Vol. 6.6, No. 11.
5/27/79	Marti, B. "The Concept of Universal Teletext," CCETT, Rennes 11 th International Television Symposium Paper, V11 A-3A, pp. 1-11.
10/1980	"Videotex Services," National Cable Television Association Executive Seminar Series, NCTA Washington, October 1980, pp. III-VII, 1-3, 23-27.
2/1985	"Specification du service de classe A, TeleDiffusion de France," Antiope.
6/1981	Gautier, J.P. "Language Telediffuse de Messagerie du Projet Ecrans Hybrides," Antiope/Didon system.
6/1985	Auer, R. "Die Warteschlange Uberlistet," Funkschau, pp. 53-56.
5/1981	Grethlein, M. "Videotext und Bildschirmtext," Funkschau, Heft 5, 1981, pp. 69-73.
4/1980	Heider, et al. "Videotext und Bildschirmtext," Grundig Technische Informationen, Heft 4/5, 1980, pp. 171-195.
6/1984	Kombinierer fur Videotextsignal, "Runfunktechnische Mitteilungen," Jahrgang 28, (1984), Heft 6, pp. 273-289.

EXAMINER 	DATE CONSIDERED 
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT CITATION FORM	Attorney Docket No.	Serial No.
	05634.355	08/487,526
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Filing Date June 7, 1995	Group Art Unit 2611

UNITED STATES PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
	Re 26,331	1/9/68	Brothman et al.		
	Re 33,189	3/27/90	Lee et al.		
	2,117,638	5/17/38	Walter		
	3,368,031	2/6/68	Eisele		
	3,387,082	6/4/68	Farber et al.		
	3,387,083	6/4/68	Farber et al.		
	3,390,234	6/25/68	Glidden		
	3,430,004	2/25/69	Shenk		
	3,475,547	10/28/69	Sarlund		
	3,478,342	11/11/69	Alldritt et al.		
	3,588,357	6/28/71	Sellari		
	3,624,516	11/30/71	Rando et al.		
	3,737,858	6/5/73	Turner et al.		
	3,813,482	5/28/74	Blonder		
	3,842,206	10/15/74	Barselloti et al.,		
	3,858,240	12/31/74	Golding et al.		
	3,898,378	8/5/75	Hinoshita et al.		
	3,899,639	8/12/75	Cleveley et al.,		
	3,922,492	11/25/75	Lumsden		
	3,936,593	2/3/76	Aaronson et al.,		
	3,958,088	5/18/76	Vieri		
	3,962,535	6/8/76	Haskell		
	3,971,888	7/27/76	Ching et al.		
	3,974,451	8/10/76	Maeder		
	3,988,550	10/26/76	Ts'ao		
	4,006,297	2/1/77	Koga		
	4,011,414	3/8/77	Warren		
	4,027,100	5/31/77	Ishiguro		
	4,031,543	6/21/77	Holz		
	4,045,811	8/30/77	Dingwall		
	4,045,814	8/30/77	Hartung		
	4,047,221	9/6/77	Yasuda et al.		
	4,056,684	11/1/77	Lindstrom		
	4,060,832	11/29/77	Devimeux et al.		
	4,061,577	12/6/77	Bell		
	4,068,265	1/10/78	Russell		
	4,118,669	10/3/78	Fung		
	4,141,034	2/20/79	Netravali et al.		
	4,148,070	4/3/79	Taylor		
	4,189,748	2/19/80	Reis		

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EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	INVENTOR NAME	CLASS/ SUBCLASS	FILING DATE*
	4,195,288	3/25/80	Morton		
	4,196,448	4/1/80	Whitehouse et al.		
	4,201,887	5/6/80	Burns		
	4,203,166	5/13/80	Ehrsam et al.		
	4,215,369	7/29/80	Yukihiko Iijima		
	4,217,609	8/12/80	Hatori et al.		
	4,218,697	8/19/80	Leventer		
	4,222,073	9/9/80	Hirashima		
	4,224,678	9/23/80	Lynch et al.		
	4,238,853	12/9/80	Ehrsam et al.		
	4,238,854	12/9/80	Ehrsam et al.		
	4,258,423	3/24/81	Lane et al.		
	4,271,506	6/2/81	Broc et al.		
	4,302,775	11/24/81	Widergren et al.		12/15/78
	4,306,250	12/15/81	Summers et al.		8/18/80
	4,318,126	3/2/82	Sassler		4/2/80
	4,318,127	3/2/82	Fukuda et al.		8/1/80
	4,318,128	3/2/82	Sauvanet		7/15/80
	4,333,107	6/1/82	McGuire et al.		5/3/79
	4,357,548	11/2/82	Preslar		5/30/80
	4,358,790	11/9/82	Summers	RECEIVED	4/18/80
	4,369,462	1/18/83	Tornizawa et al.		8/15/80
	4,369,464	1/18/83	Temime	JUN 20 2002	7/8/80
	4,375,650	3/1/83	Tiemann		4/29/81
	4,381,562	4/26/83	Acampora	Technology Center 2600	5/1/80
	4,419,699	12/6/83	Christopher et al.		
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	4,514,761	4/30/85	Merrell et al		
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	4,600,942	7/15/86	Field et al.		
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	4,695,880	9/22/87	Johnson et al.		7/30/85
	4,713,837	12/15/87	Gordon		12/24/85
	4,736,420	4/5/88	Katznelson et al		9/19/86
	4,777,354	10/11/88	Thomas		1/27/86
	4,780,910	10/25/88	Huddleston et al.		10/24/85
	4,908,859	3/13/90	Bennett et al		
	4,930,160	5/29/90	Vogel		
	4,937,821	6/26/90	Boulton		
	5,099,348	3/24/92	Huddleston et al.		

* If Pertinent

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES NO

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EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	TRADE MARK COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES NO

OTHER DOCUMENTS

EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
	CHORAFAS, "Interactive Videotex: The Domesticated Computer," 1981, Petrocelli Books, New York
	HINTON, "Character rounding for the Wireless Word teletex decoder," Wireless World, Nov. 1978, pp. 49-53, Vol. 84 No. 1515, IPC Business Press, United Kingdom
	KRUGER, "Speicherfernsehen, Das Digitale Kennungssystem ZPS," Proceedings 9 th International Congress Microelectroncis, pp. 39-45
	"Fernsehempfang rund um die Uhr" Funk Technik, Mar. 1981, Vol 36

EXAMINER	DATE CONSIDERED
<i>[Signature]</i>	9/06

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INFORMATION DISCLOSURE
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CITATION FORM

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08/487,526

Applicant(s)

John C. Harvey and James W. Cuddihy

Filing Date

June 7, 1995

Group Art Unit

2614

UNITED STATES PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE
	Re 26,331	1/9/68	Brothman et al.		
	Re 33,189	3/27/90	Lee et al.		
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	3,368,031	2/6/68	Eisele		
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	3,858,240	12/31/74	Golding et al.		
	3,898,378	8/5/75	Hinoshita et al.		
	3,899,639	8/12/75	Cleveley et al.,		
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	4,118,669	10/3/78	Fung		
	4,141,034	2/20/79	Netravali et al.		
	4,148,070	4/3/79	Taylor		

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FEB 10 2003

Technology Center 2600

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P. R.	4,189,748	2/19/80	Reis		
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	4,203,166	5/13/80	Ehrsam et al.		
	4,215,369	7/29/80	Yukihiko Iijima		
	4,217,609	8/12/80	Hatori et al.		
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	4,238,853	12/9/80	Ehrsam et al.		
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	4,271,506	6/2/81	Broc et al.		
	4,302,775	11/24/81	Widergren et al.		
	4,306,250	12/15/81	Summers et al.		8/18/80
	4,318,126	3/2/82	Sassler		4/2/80
	4,318,127	3/2/82	Fukuda et al.		8/1/80
	4,318,128	3/2/82	Sauvanet		7/15/80
	4,333,107	6/1/82	McGuire et al.		5/3/79
	4,357,548	11/2/82	Preslar		5/30/80
	4,358,790	11/9/82	Summers		4/18/80
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	4,375,650	3/1/83	Tiemann		4/29/81
	4,381,562	4/26/83	Acampora		5/1/80
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	4,534,024	8/6/85	Maxemchuk et al.		
	4,600,942	7/15/86	Field et al.		
	4,658,292	4/14/87	Okamoto et al.		
	4,695,880	9/22/87	Johnson et al.		7/30/85
	4,713,837	12/15/87	Gordon		12/24/85
	4,736,420	4/5/88	Katznelson et al		9/19/86
	4,777,354	10/11/88	Thomas		1/27/86
	4,780,910	10/25/88	Huddleston et al.		10/24/85
	4,908,859	3/13/90	Bennett et al		
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	4,937,821	6/26/90	Boulton		
	5,099,348	3/24/92	Huddleston et al.		
	3,472,962	10/14/69	Sanford		
	4,034,990	7/12/77	Baer		
	4,247,106	1/27/81	Jeffers et al		
	4,359,223	11/16/82	Baer et al		11/01/79
	4,460,922	7/17/84	Ensinger et al		
	4,533,943	8/6/85	Poirier		
	4,580,779	4/8/86	Kanamaru et al		

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FEB 10 2003

Technology Center 2600 12/15/78

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 PATENT & TRADEMARK OFFICE

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
	4,695,879	9/22/87	Weinblatt		2/7/86
	4,716,588	12/29/87	Thompson et al		10/29/85
	4,751,578	6/14/88	Reiter et al		5/28/85

* If Pertinent

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES NO
	GB 2 155 283	9/18/83	United Kingdom		
	JP 56116385	9/12/81	Japan		X
	JP 62060378	3/17/87	Japan		X
	61-236284	10/1986	Japan		X
	62-12285	1/1987	Japan		X
	DE 33 28 001	2/14/85	Germany		X
	DE 33 35 082	4/11/85	Germany		X

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Technology Center 2600

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EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
	CHORAFAS, "Interactive Videotex: The Domesticated Computer," 1981, Petrocelli Books, New York
	HINTON, "Character rounding for the Wireless Word Teletex Decoder," Wireless World, Nov. 1978, pp. 49-53, Vol. 84 No. 1515, IPC Business Press, United Kingdom
	KRUGER, "Speicherfernsehen, Das Digitale Kennungssystem ZPS," Proceedings 9 th International Congress Microelectroncis, pp. 39-45
	"Fernsehempfang rund um die Uhr" Funk Technik, Mar. 1981, Vol 36
	"Method for the Transmission of Additional Information," German Patent Application submitted by Blaupunkt Werke GMBH, filed May 31, 1980
	"Eine Neue Generation Mikroprozessorgesteuerter Datensender Und -Empfänger Für Alle Varianten Der Datenübertragung In Der V-Lücke Des Fernsehsignals", A. Ebner and K. Schuster, Rundfunktechnische Mitteilungen, Vol. 26, No. 5, pp. 215-220
	"A Novel Television Add-On Data Communication System", January, 1974, Patrick T. King, Society of Motion Picture and Television Engineers Journal, Vol. 83
	"Actual Two-Way Systems," Ronald K. Jurgen, IEEE Spectrum, November 1971
	"Additional Information Within the Television Signal", September 1970, R. A. O'Connor, , Journal of the Society of Motion Picture and Television Engineers, Vol. 79, No. 9, p. 824
	"Applications of Information Networks," J.C.R. et al, Proceedings of the IEEE, Vol. 66, No. 11, pp. 1330-1346, November 1978
	"Automated Control Units for Advertising On Cable," G. Morgan, Image Technology, Vol. 68, No. 9, pgs. 457, 460, September 1986
	"Coded Information Within the Picture Area", February, 1974, Wilton R. Holm, , Society of Motion Picture and Television Engineers Journal, Vol. 83
	"Color Decode a PCM NTSC Television Signal", June, 1974, John P. Rossi, , Society of Motion Picture and Television Engineers Journal, Vol. 83
	"Comparison of Technology and Capital Costs of New Home Services," Metin B. Akgun, IEEE Transactions on Cable Television, Vol. CATV-5, No. 3, July 1980
	"Codifica Numerica Del Segnale Sonoro - Interfaccia Per Gli Apparati Professionali", October, 1985, M. Barbero and M. Occhiena, Elettronica e Telecomunicazioni, Vol. 34, No. 5, pp. 209-216
	"Encryption-based security systems", 5/29/87-6/1/87, Wechselberger, , NCTA Convention Records pp. 148-152
	"Experiences with Pilot Projects in North America, Japan, and Europe", 1977, Eds. W. Kaiser, H. Marko, and E. Witte, Two-Way Cable Television

EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
	"Going for The Microcomputer Market with Commercial Telesoftware", 1982, M. Shain, Viewdata 82
	"Hard encrypted video & audio television system", 3/15/86-3/18/86, Jeffers, Glaab 8&. Griffin, , NCTA Convention Records pp. 232-234
FEB 07 2003	"Hybrid Addressability," Stubbs & Holobinko, National Cable Television Association Convention, pp. 255-265, 6/31-6/6/1984
	"Individualized Still-Picture Communication on a Two-Way Broad-Band CATV System," Koji Maeda, IEEE Transactions on Communications, Vol. COM-23, No. 1, January 1975
	"Low Cost Interactive Home TV Terminal," Stetten & Mason, National Cable Television Association Convention, pp. 49-53, 7/6-7/9/1971
	"Measurement and Control of TV Transmitters," Shelley and Smart, Society of Motion Picture and Television Engineers Journal, Vol. 80, November 1971
	"Off Premises Addressability," Preschutti, National Cable Television Association Convention, pp. 48-57, 6/2-6/5/1985
	"On Distributed Communications," Paul Baran, The RAND Corporation, Volumes 1-10
	"Operational Implementation of a Broadcast Television Frame Synchronizer", March, 1975, Robert J. Butler, Society of Motion Picture and Television Engineers Journal, Vol. 84
	"Pilot Two-Way CATV Systems," Ernest K. Smith, IEEE Transactions on Communications, Vol. COM-23, No. 1, January 1975
	"Some Methods of Automatic Analysis of Television Test Signals", December 1971, R. H. Vivian, Society of Motion Picture and Television Engineers Journal, Vol. 80
	"SRS El Segundo Interim Test Report," Callais, National Cable Television Association Convention, pp. 384-407, 5/14-5/17/1972
	"Status Monitoring System," Hale, National Cable Television Association Convention, pp. 153-158, 1974
	"Television Applications and Transmission of Digital Data in the Vertical Blanking Interval", 1980, J. J. Lopinto, , ITC/USA/'80, International Telemetering Conference, P. 650, pp. 345-349
	"Television Central," Society of Motion Picture and Television Engineers Journal, Vol. 85, October 1976
	"The Digital Video Effects System," Patten, Society of Motion Picture and Television Engineers Journal, Vol. 87, April 1978
	"The Magnavox Premium TV System," Forbes & Cooley, National Cable Television Association Convention, pp. 100-104, 6/17-6/20/1973
	"The Subscriber Response System," Durfee & Callais, National Cable Television Association Convention, pp. 28-48, 7/6-7/9/1971
	"TV Frame Synchronizer," Kano, et al., Society of Motion Picture and Television Engineers Journal, Vol. 84, March 1975
	"Two-Way Coax TV System Handles All Communication Needs," George F. Benton, Communications News, April 1975
	"Use of Low Frequency Bi-Directional Digital Transmission On Cable," Ellis, National Cable Television Association Convention, pp. 38-45, 4/17-4/20/1977
	"Videotex & Teletext," Technical Panel, National Cable Television Association Convention, pp. 160-184, 6/12-6/15/1983
	"Videotex Networks," J. Stynen and M. Keymolen, Revue HF, Vol. 1, No. 12, pgs. 413-424, 1981
	"Videotex Technologies," Technical Panel, National Cable Television Association Convention, pp. 99-123, 5/29-6/1/1981
	DAS DIGITALES FERNSEHKENNUNGSSYSTEM ZPS, H. Eckhard Krüger, ntz Bd. 35 (1982) Heft 6 ("THE DIGITAL TELEVISION IDENTIFICATION SYSTEM ZPS," ntz, Vol. 35, No. 6, 1982, pgs. 368-376)
	DIGITALES KENNUNGSSYSTEM ZPS, Dr. H. E. Krüger, Forderungsvorhaben TK 0054/3 ("DIGITAL IDENTIFICATION SYSTEM ZPS," Dr. H. E. Krüger, Research Project TK 0054/3, Final Report, October 1, 1978 to October 31, 1979)
	Hi-OVIS Development Project, M. Kawahata, Presented in Two-Way Cable Television, Experiences with Pilot Projects in North America, Japan and Europe, Proceedings of a Symposium Held in Munich, April 27-29, 1977, pages 135-142
	Kinghorn, J.R., 11/00/85, "Using Extensions to World System Teletext," IEEE Transactions on Consumer Electronics, Vol. CE-31, No. 4, pp. 661-666
	The Videotex and Teletext Handbook, Hurly et al., Harper and Row Publishers, Inc., 1985

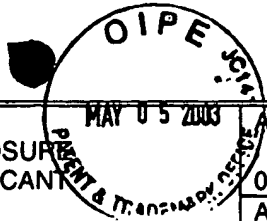
RECEIVED

FEB 10 2003
Technology Center 2600

EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
<i>[Signature]</i>	Two-Way Applications for Cable Television Systems in the '70s, Ronald K. Jurgen, Editor, IEEE Spectrum, Nov. 1971
<i>[Signature]</i>	VEREINBARUNG ZVEI/ARD/ZDF ZUR ZRD/ZDF/ZVEI - TICHTLINIE "VIDEO-PROGRAMM-SYSTEM (VPS)," ARD/ZDF, December 4, 1984 (MEMORANDUM OF UNDERSTANDING ZVEI/ARD/ZDF ON THE ARD/ZDF/ZVEI GUIDELINE FOR A 'VIDEO PROGRAMMING SYSTEM (VPS)')
<i>[Signature]</i>	VIDEOPROGRAMMSYSTEM DER 2. GENERATION, Von Gunther Stacker, net 40 (1986), Heft 7/8 ("SECOND-GENERATION VIDEO PROGRAMMING SYSTEMS," Von Gunther Stacker, net Vol. 7/8 No. 40 (1986), pgs. 311-315)
<i>[Signature]</i>	VIDEOTEXT PROGRAMMIERT VIDEOHEIMGERATE (VPV), Gerhard Eitz, Karl-Ulrich Oberlies, Fundfunktechnische Mitteilungen, Jahrg. 30 (1986), H. 5 ("VCR PROGRAMMING VIA TELETEXT")
<i>[Signature]</i>	VIDEOTEXT PROGRAMMIERT VIDEORECORDER, Von Gunther Hofmann, Andreas Neuman, Karl-Ulrich Oberlies and Eckhard Schadwinkel, Rundfunktech Mitteilunger, Jahrg. 26 (1982) H. 6 ("VIDEOTEXT PROGRAMS VIDEO RECORDER")
<i>[Signature]</i>	VIDEOTEXT UND BILDSCHIRMTEXT MIT DEN LSI-SCHALTUNGDN SAA 5020, SAA 5030, SAA 5041 UND SAA 5051, Valvo, Technische Information fur die Industrie, April 1980 ("VIDEOTEXT AND INTERACTIVE VIDEOTEX WITH THE LSI-CIRCUITS SAA 5020, SAA 5030, SAA 5041 AND SAA 5051)
<i>[Signature]</i>	Viewdata: A Public Information Utility, Second Edition, 1980, Dr. Adrian V. Stokes
<i>[Signature]</i>	WUNSCHPROGRAMM AUS DER FERNSEHZEITSCHRIFT, Funkschau 12/1981, pgs. 6070 ("RECORDING PROGRAMS FROM THE PROGRAM GUIDE," Funkschau 12/1982, pgs. 60-70)

EXAMINER <i>[Signature]</i>	DATE CONSIDERED <i>9/06</i>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT CITATION FORM	Attorney Docket No.	Serial No.
	05634.355	08/487,526
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Filing Date June 7, 1995	Group Art Unit 2614

UNITED STATES PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
[Signature]	4,558,180	12/10/85	Scordo		
	4,611,242	09/09/86	Williams		
	4,636,854	01/13/87	Crowther, et al.		
	4,642,688	02/10/87	Lowry, et al.		
	4,821,097	04/11/89	Robbins		
	4,887,296	12/12/89	Horne		
	3,778,715	12/11/73	Schmidt et al.		

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* If Pertinent

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES NO

OTHER DOCUMENTS

EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
[Signature]	ART KLEIMAN, "Heathkit GR-2001 - Programmable Color TV," Radio Electronics, May 1977

EXAMINER	[Signature]	DATE CONSIDERED
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